

Fat-Free Framework 3.1.0 API Reference

Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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 N	Jig	
 C	Mapper	Flat-file DB mapper
 C	Session	Jig-managed session handler
 N	Mongo	
 C	Mapper	MongoDB mapper
 C	Session	MongoDB-managed session handler
 N	SQL	
 C	Mapper	SQL data mapper
 C	Session	SQL-managed session handler
 C	Cursor	Simple cursor implementation
 C	Jig	Flat-file DB wrapper
 C	Mongo	MongoDB wrapper
 C	SQL	PDO wrapper
 N	Web	
 C	Geo	Geo plug-in
 C	OpenID	OpenID consumer
 C	Pingback	Pingback 1.0 protocol (client and server) implementation
 C	Audit	Data validator
 C	Auth	Authorization/authentication plug-in
 C	Base	Base structure
 C	Basket	Session-based pseudo-mapper
 C	Bcrypt	Lightweight password hashing library
 C	Cache	Cache engine
 C	F3	Legacy mode enabler
 C	Image	Image manipulation tools
 C	ISO	ISO language/country codes

C Log	Custom logger
C Magic	PHP magic wrapper
C Markdown	Markdown-to-HTML converter
C Matrix	Generic array utilities
C Prefab	Prefab for classes with constructors and static factory methods
C Registry	Container for singular object instances
C Session	Cache-based session handler
C SMTP	SMTP plug-in
C Template	Template engine
C Test	Unit test kit
C UTF	Unicode string manager
C View	View handler
C Web	Wrapper for various HTTP utilities

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Fat-Free Framework 3.1.0 API Reference

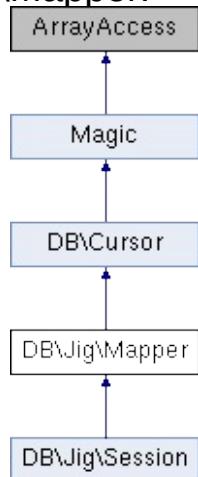
DB > Jig > Mapper >

DB\Jig\Mapper Class Reference

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Flat-file DB mapper. [More...](#)

Inheritance diagram for DB\Jig\Mapper:



Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

cast (\$obj=NULL)

token (\$str)

find (\$filter=NULL, array \$options=NULL, \$ttl=0, \$log=TRUE)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

__construct (\DB\Jig \$db, \$file)

► **Public Member Functions inherited from DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► **Public Member Functions inherited from Magic**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Public Attributes

\$file

Data file.

\$id

Document identifier.

\$document =array()

Document contents.

► Public Attributes inherited from **DB\Cursor**

\$ptr =0

Current position.

```
const E_Field ='Undefined field %s'
```

Protected Member Functions

factory (\$id, \$row)

Protected Attributes

\$db

Flat-file DB wrapper.

▶ Protected Attributes inherited from **DB\Cursor**

\$query =array()

Query results.

Detailed Description

Flat-file DB mapper.

Constructor & Destructor Documentation

```
DB\Jig\Mapper::__construct (\DB\Jig $db,  
                           $file  
)
```

Instantiate class

Returns
void

Parameters
\$db object
\$file string

Member Function Documentation

DB\Jig\Mapper::cast (\$obj = NULL)

Return fields of mapper object as an associative array

Returns
array

Parameters
\$obj object

DB\Jig\Mapper::clear (\$key)

Delete field

Returns
NULL

Parameters
\$key string

DB\Jig\Mapper::copyfrom (\$key)

Hydrate mapper object using hive array variable

Returns
NULL

Parameters
\$key string

DB\Jig\Mapper::copyto (\$key)

Populate hive array variable with mapper fields

Returns

NULL

Parameters

\$key string

```
DB\Jig\Mapper::count( $filter = NULL,
                      $ttl = 0
)
```

Count records that match criteria

Returns

int

Parameters

\$filter array

\$ttl int

```
DB\Jig\Mapper::erase( $filter = NULL)
```

Delete current record

Returns

bool

Parameters

\$filter array

```
DB\Jig\Mapper::exists( $key)
```

Return TRUE if field is defined

Returns
bool

Parameters
\$key string

DB\Jig\Mapper::factory (\$id,
 \$row
)

protected

Convert array to mapper object

Returns
object

Parameters
\$id string
\$row array

DB\Jig\Mapper::find (\$filter = NULL,
 array \$options = NULL,
 \$ttl = 0,
 \$log = TRUE
)

Return records that match criteria

Returns
array|FALSE

Parameters
\$filter array
\$options array
\$ttl int
\$log bool

DB\Jig\Mapper::get (\$key)

Retrieve value of field

Returns

scalar|FALSE

Parameters

\$key string

DB\Jig\Mapper::insert ()

Insert new record

Returns

array

DB\Jig\Mapper::reset ()

Reset cursor

Returns

NULL

DB\Jig\Mapper::set (\$key, \$val)

Assign value to field

Returns

scalar|FALSE

Parameters

\$key string

\$val scalar

DB\Jig\Mapper::skip (\$ofs = 1)

Return record at specified offset using criteria of previous load() call and make it active

Returns
array

Parameters
\$ofs int

DB\Jig\Mapper::token (\$str)

Convert tokens in string expression to variable names

Returns
string

Parameters
\$str string

DB\Jig\Mapper::update ()

Update current record

Returns
array

The documentation for this class was generated from the following file:

- db/jig/mapper.php

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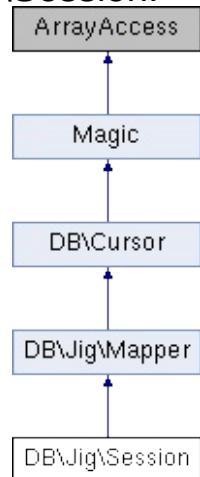
DB > Jig > Session >

[Public Member Functions](#) | [List of all members](#)

DB\Jig\Session Class Reference

Jig-managed session handler. [More...](#)

Inheritance diagram for DB\Jig\Session:



Public Member Functions

open (\$path, \$name)

close ()

read (\$id)

write (\$id, \$data)

destroy (\$id)

cleanup (\$max)

ip (\$id=NULL)

stamp (\$id=NULL)

agent (\$id=NULL)

__construct (\DB\Jig \$db, \$table='sessions')

► Public Member Functions inherited from **DB\Jig\Mapper**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

cast (\$obj=NULL)

token (\$str)

find (\$filter=NULL, array \$options=NULL, \$ttl=0, \$log=TRUE)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

__construct (\DB\Jig \$db, \$file)

► **Public Member Functions inherited from DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► **Public Member Functions inherited from Magic**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Additional Inherited Members

▶ Public Attributes inherited from **DB\Jig\Mapper**

\$file

Data file.

\$id

Document identifier.

\$document =array()

Document contents.

▶ Protected Member Functions inherited from **DB\Jig\Mapper**

factory (\$id, \$row)

▶ Protected Attributes inherited from **DB\Jig\Mapper**

\$db

Flat-file DB wrapper.

Detailed Description

Jig-managed session handler.

Constructor & Destructor Documentation

```
DB\Jig\Session::__construct(\DB\Jig $db,  
                           $table = 'sessions'  
)
```

Instantiate class

Parameters

\$db object
\$table string

Member Function Documentation

DB\Jig\Session::agent (\$id = NULL)

Return HTTP user agent associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\Jig\Session::cleanup (\$max)

Garbage collector

Returns

TRUE

Parameters

\$max int

DB\Jig\Session::close ()

Close session

Returns

TRUE

DB\Jig\Session::destroy (\$id)

Destroy session

Returns
TRUE

Parameters
\$id string

DB\Jig\Session::ip (\$id = NULL)

Return IP address associated with specified session ID

Returns
string|FALSE

Parameters
\$id string

DB\Jig\Session::open (\$path, \$name)

Open session

Returns
TRUE

Parameters
\$path string
\$name string

DB\Jig\Session::read (\$id)

Return session data in serialized format

Returns
string|FALSE

Parameters

\$id string

DB\Jig\Session::stamp (\$id = NULL)

Return Unix timestamp associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\Jig\Session::write (\$id, \$data)

Write session data

Returns

TRUE

Parameters

\$id string

\$data string

The documentation for this class was generated from the following file:

- db/jig/session.php
-

Fat-Free Framework 3.1.0 API Reference

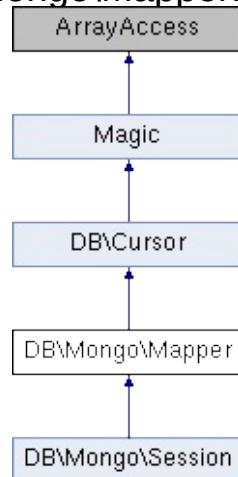
DB > Mongo > Mapper

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DB\Mongo\Mapper Class Reference

MongoDB mapper. [More...](#)

Inheritance diagram for DB\Mongo\Mapper:



Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

cast (\$obj=NULL)

select (\$fields=NULL, \$filter=NULL, array \$options=NULL, \$ttl=0)

find (\$filter=NULL, array \$options=NULL, \$ttl=0)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

__construct (\DB\Mongo \$db, \$collection)

► **Public Member Functions inherited from DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► **Public Member Functions inherited from Magic**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Public Attributes

\$collection

Mongo collection.

\$document =array()

Mongo document.

► Public Attributes inherited from **DB\Cursor**

\$ptr =0

Current position.

```
const E_Field ='Undefined field %s'
```

Protected Member Functions

factory (\$row)

Protected Attributes

\$db

MongoDB wrapper.

▶ Protected Attributes inherited from DB\Cursor

\$query =array()

Query results.

Detailed Description

MongoDB mapper.

Constructor & Destructor Documentation

```
DB\Mongo\Mapper::__construct (\DB\Mongo $db,  
                           $collection  
)
```

Instantiate class

Returns

void

Parameters

\$db object
\$collection string

Member Function Documentation

DB\Mapper::cast (\$obj = NULL)

Return fields of mapper object as an associative array

Returns
array

Parameters

\$obj object

DB\Mapper::clear (\$key)

Delete field

Returns
NULL

Parameters

\$key string

DB\Mapper::copyfrom (\$key)

Hydrate mapper object using hive array variable

Returns
NULL

Parameters

\$key string

DB\Mapper::copyto (\$key)

Populate hive array variable with mapper fields

Returns

NULL

Parameters

\$key string

**DB\Mapper::count (\$filter = NULL,
\$ttl = 0
)**

Count records that match criteria

Returns

int

Parameters

\$filter array
\$ttl int

DB\Mapper::erase (\$filter = NULL)

Delete current record

Returns

bool

Parameters

\$filter array

DB\Mapper::exists (\$key)

Return TRUE if field is defined

Returns
bool

Parameters

\$key string

DB\\Mongo\\Mapper::factory (\$row)

protected

Convert array to mapper object

Returns
object

Parameters

\$row array

```
DB\\Mongo\\Mapper::find (      $filter = NULL,  
                           array $options = NULL,  
                           $ttl = 0  
 )
```

Return records that match criteria

Returns
array

Parameters

\$filter array
\$options array
\$ttl int

DB\\Mongo\\Mapper::get (\$key)

Retrieve value of field

Returns

scalar|FALSE

Parameters

\$key string

DB\Mapper::insert()

Insert new record

Returns

array

DB\Mapper::reset()

Reset cursor

Returns

NULL

**DB\Mapper::select(\$fields = NULL,
 \$filter = NULL,
 array \$options = NULL,
 \$ttl = 0
)**

Build query and execute

Returns

array

Parameters

\$fields string

\$filter array

\$options array

\$ttl int

```
DB\Mapper::set( $key,
$val
)
```

Assign value to field

Returns

scalar|FALSE

Parameters

\$key string

\$val scalar

```
DB\Mapper::skip( $ofs = 1)
```

Return record at specified offset using criteria of previous load() call and make it active

Returns

array

Parameters

\$ofs int

```
DB\Mapper::update()
```

Update current record

Returns

array

The documentation for this class was generated from the following file:

- db/mongo/mapper.php

Fat-Free Framework 3.1.0 API Reference

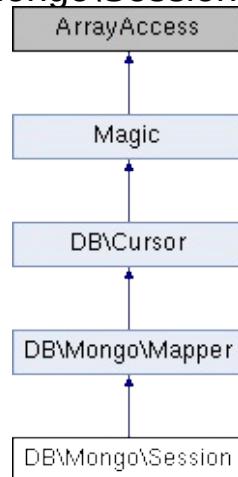
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DB\Mongo\Session Class Reference

MongoDB-managed session handler. [More...](#)

Inheritance diagram for DB\Mongo\Session:



Public Member Functions

open (\$path, \$name)

close ()

read (\$id)

write (\$id, \$data)

destroy (\$id)

cleanup (\$max)

ip (\$id=NULL)

stamp (\$id=NULL)

agent (\$id=NULL)

__construct (\DB\Mongo \$db, \$table='sessions')

► Public Member Functions inherited from **DB\Mongo\Mapper**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

cast (\$obj=NULL)

select (\$fields=NULL, \$filter=NULL, array \$options=NULL, \$ttl=0)

find (\$filter=NULL, array \$options=NULL, \$ttl=0)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

__construct (\DB\Mongo \$db, \$collection)

► **Public Member Functions inherited from DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► **Public Member Functions inherited from Magic**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Additional Inherited Members

▶ Public Attributes inherited from **DB\Mapper\Mapper**

\$collection

Mongo collection.

\$document =array()

Mongo document.

▶ Protected Member Functions inherited from **DB\Mapper\Mapper**

factory (\$row)

▶ Protected Attributes inherited from **DB\Mapper\Mapper**

\$db

MongoDB wrapper.

Detailed Description

MongoDB-managed session handler.

Constructor & Destructor Documentation

```
DB\Mongo\Session::__construct(\DB\Mongo \$db,  
                           \$table = 'sessions'  
)
```

Instantiate class

Parameters

\$db object
\$table string

Member Function Documentation

DB\Mongo\Session::agent (\$id = NULL)

Return HTTP user agent associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\Mongo\Session::cleanup (\$max)

Garbage collector

Returns

TRUE

Parameters

\$max int

DB\Mongo\Session::close ()

Close session

Returns

TRUE

DB\Mongo\Session::destroy (\$id)

Destroy session

Returns
TRUE

Parameters
\$id string

DB\Mongo\Session::ip (**\$id = NULL**)

Return IP address associated with specified session ID

Returns
string|FALSE

Parameters
\$id string

DB\Mongo\Session::open (**\$path,** **\$name**)

Open session

Returns
TRUE

Parameters
\$path string
\$name string

DB\Mongo\Session::read (**\$id**)

Return session data in serialized format

Returns
string|FALSE

Parameters

\$id string

DB\Mongo\Session::stamp (**\$id = NULL**)

Return Unix timestamp associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\Mongo\Session::write (**\$id,** **\$data** **)**

Write session data

Returns

TRUE

Parameters

\$id string

\$data string

The documentation for this class was generated from the following file:

- db/mongo/session.php
-

Fat-Free Framework 3.1.0 API Reference

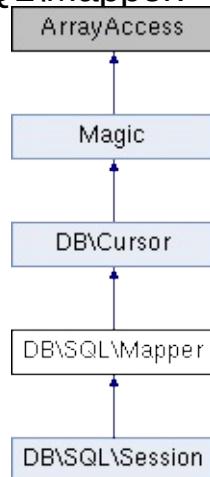
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DB\SQL\Mapper Class Reference

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[Protected Member Functions](#) |
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SQL data mapper. [More...](#)

Inheritance diagram for DB\SQL\Mapper:



Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

type (\$pdo)

value (\$type, \$val)

cast (\$obj=NULL)

select (\$fields, \$filter=NULL, array \$options=NULL, \$ttl=0)

find (\$filter=NULL, array \$options=NULL, \$ttl=0)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

schema ()

__construct (**\DB\SQL** \$db, \$table, \$ttl=60)

► Public Member Functions inherited from **DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► Public Member Functions inherited from **Magic**

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

_isset (\$key)

offsetset (\$key, \$val)

_set (\$key, \$val)

offsetget (\$key)

_get (\$key)

offsetunset (\$key)

_unset (\$key)

Public Attributes

\$engine

Database engine.

\$table

SQL table.

\$_id

Last insert ID.

\$fields

Defined fields.

\$adhoc =array()

Adhoc fields.

```
const E_Adhoc ='Unable to process ad hoc field %s'
```

► Public Attributes inherited from **DB\Cursor**

\$ptr =0

Current position.

```
const E_Field ='Undefined field %s'
```

Protected Member Functions

factory (\$row)

Protected Attributes

\$db

PDO wrapper.

▶ Protected Attributes inherited from **DB\Cursor**

\$query =array()

Query results.

Detailed Description

SQL data mapper.

Constructor & Destructor Documentation

```
DB\SQL\Mapper::__construct (\DB\SQL $db,  
                           $table,  
                           $ttl = 60  
)
```

Instantiate class

Parameters

\$db object
\$table string
\$ttl int

Member Function Documentation

DB\SQL\Mapper::cast (\$obj = NULL)

Return fields of mapper object as an associative array

Returns
array

Parameters
\$obj object

DB\SQL\Mapper::clear (\$key)

Clear value of field

Returns
NULL

Parameters
\$key string

DB\SQL\Mapper::copyfrom (\$key)

Hydrate mapper object using hive array variable

Returns
NULL

Parameters
\$key string

DB\SQL\Mapper::copyto (\$key)

Populate hive array variable with mapper fields

Returns

NULL

Parameters

\$key string

**DB\SQL\Mapper::count (\$filter = NULL,
\$ttl = 0
)**

Count records that match criteria

Returns

int

Parameters

\$filter string|array
\$ttl int

DB\SQL\Mapper::erase (\$filter = NULL)

Delete current record

Returns

int

Parameters

\$filter string|array

DB\SQL\Mapper::exists (\$key)

Return TRUE if field is defined

Returns
bool

Parameters
\$key string

DB\SQL\Mapper::factory (\$row)

protected

Convert array to mapper object

Returns
object

Parameters
\$row array

DB\SQL\Mapper::find (\$filter = NULL,
 array \$options = NULL,
 \$ttl = 0
)

Return records that match criteria

Returns
array

Parameters
\$filter string|array
\$options array
\$ttl int

DB\SQL\Mapper::get (\$key)

Retrieve value of field

Returns

scalar

Parameters

\$key string

DB\SQL\Mapper::insert ()

Insert new record

Returns

array

DB\SQL\Mapper::reset ()

Reset cursor

Returns

NULL

DB\SQL\Mapper::schema ()

Return schema

Returns

array

DB\SQL\Mapper::select (\$fields,
 \$filter = NULL,
 array \$options = NULL,
 \$ttl = 0
)

Build query string and execute

Returns

array

Parameters

\$fields string
\$filter string|array
\$options array
\$ttl int

**DB\SQL\Mapper::set (\$key,
 \$val
)**

Assign value to field

Returns

scalar

Parameters

\$key string
\$val scalar

DB\SQL\Mapper::skip (\$ofs = 1)

Return record at specified offset using same criteria as previous load() call and make it active

Returns

array

Parameters

\$ofs int

DB\SQL\Mapper::type (\$pdo)

Get PHP type equivalent of PDO constant

Returns
string

Parameters
\$pdo string

DB\SQL\Mapper::update ()

Update current record

Returns
array

DB\SQL\Mapper::value (**\$type**,
\$val
)

Cast value to PHP type

Returns
scalar

Parameters
\$type string
\$val scalar

The documentation for this class was generated from the following file:

- db/sql/mapper.php

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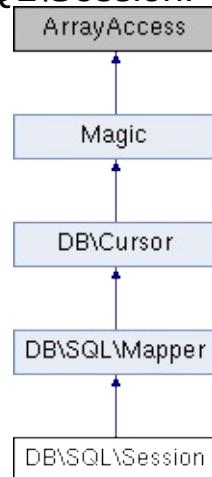
DB > SQL > Session >

[Public Member Functions](#) | [List of all members](#)

DB\SQL\Session Class Reference

SQL-managed session handler. [More...](#)

Inheritance diagram for DB\SQL\Session:



Public Member Functions

open (\$path, \$name)

close ()

read (\$id)

write (\$id, \$data)

destroy (\$id)

cleanup (\$max)

ip (\$id=NULL)

stamp (\$id=NULL)

agent (\$id=NULL)

__construct (\DB\SQL \$db, \$table='sessions')

► Public Member Functions inherited from **\DB\SQL\Mapper**

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

type (\$pdo)

value (\$type, \$val)

cast (\$obj=NULL)

select (\$fields, \$filter=NULL, array \$options=NULL, \$ttl=0)

find (\$filter=NULL, array \$options=NULL, \$ttl=0)

count (\$filter=NULL, \$ttl=0)

skip (\$ofs=1)

insert ()

update ()

erase (\$filter=NULL)

reset ()

copyfrom (\$key)

copyto (\$key)

schema ()

__construct (\DB\SQL \$db, \$table, \$ttl=60)

► **Public Member Functions inherited from DB\Cursor**

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

► **Public Member Functions inherited from [Magic](#)**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Additional Inherited Members

► Public Attributes inherited from **DB\SQL\Mapper**

\$engine

Database engine.

\$table

SQL table.

\$_id

Last insert ID.

\$fields

Defined fields.

\$adhoc =array()

Adhoc fields.

```
const E_Adhoc ='Unable to process ad hoc field %s'
```

► Protected Member Functions inherited from **DB\SQL\Mapper**

factory (\$row)

► Protected Attributes inherited from **DB\SQL\Mapper**

\$db

PDO wrapper.

Detailed Description

SQL-managed session handler.

Constructor & Destructor Documentation

```
DB\SQL\Session::__construct (\DB\SQL $db,  
                           $table = 'sessions'  
)
```

Instantiate class

Parameters

\$db object
\$table string

Member Function Documentation

DB\SQL\Session::agent (\$id = NULL)

Return HTTP user agent associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\SQL\Session::cleanup (\$max)

Garbage collector

Returns

TRUE

Parameters

\$max int

DB\SQL\Session::close ()

Close session

Returns

TRUE

DB\SQL\Session::destroy (\$id)

Destroy session

Returns
TRUE

Parameters
\$id string

DB\SQL\Session::ip (\$id = NULL)

Return IP address associated with specified session ID

Returns
string|FALSE

Parameters
\$id string

DB\SQL\Session::open (\$path, \$name)

Open session

Returns
TRUE

Parameters
\$path string
\$name string

DB\SQL\Session::read (\$id)

Return session data in serialized format

Returns
string|FALSE

Parameters

\$id string

DB\SQL\Session::stamp (**\$id = NULL**)

Return Unix timestamp associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

DB\SQL\Session::write (**\$id,** **\$data**)

Write session data

Returns

TRUE

Parameters

\$id string
\$data string

The documentation for this class was generated from the following file:

- db/sql/session.php
-

Fat-Free Framework 3.1.0 API Reference

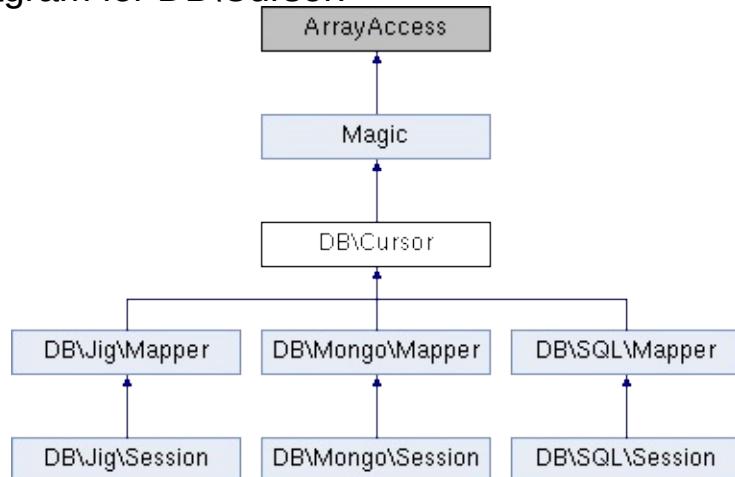
DB > Cursor

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Attributes](#) | [List of all members](#)

DB\Cursor Class Reference

Simple cursor implementation. [More...](#)

Inheritance diagram for DB\Cursor:



Public Member Functions

find (\$filter=NULL, array \$options=NULL)

insert ()

update ()

dry ()

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)

paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)

load (\$filter=NULL, array \$options=NULL)

first ()

last ()

skip (\$ofs=1)

next ()

prev ()

save ()

erase ()

reset ()

▶ Public Member Functions inherited from **Magic**
exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Public Attributes

\$ptr =0

Current position.

```
const E_Field ='Undefined field %s'
```

Protected Attributes

\$query =array()

Query results.

Detailed Description

Simple cursor implementation.

Member Function Documentation

DB\Cursor::dry ()

Return TRUE if current cursor position is not mapped to any record

Returns
bool

DB\Cursor::erase ()

Delete current record

Returns
int|bool

DB\Cursor::find (\$filter = NULL,
 array \$options = NULL
)

abstract

Return records (array of mapper objects) that match criteria

Returns
array

Parameters

\$filter string|array
\$options array

DB\Cursor::findone (\$filter = NULL,
 array \$options = NULL,
 \$ttl = 0

)

Return first record (mapper object) that matches criteria

Returns

object|FALSE

Parameters

\$filter string|array

\$options array

\$ttl int

DB\Cursor::first()

Map to first record in cursor

Returns

mixed

DB\Cursor::insert()

abstract

Insert new record

Returns

array

DB\Cursor::last()

Map to last record in cursor

Returns

mixed

DB\Cursor::load (**\$filter = NULL,**
array \$options = NULL

)

Map to first record that matches criteria

Returns

array|FALSE

Parameters

\$filter string|array
\$options array

DB\Cursor::next ()

Map next record

Returns

mixed

DB\Cursor::paginate (**\$pos = 0,**
 \$size = 10,
 \$filter = NULL,
 array \$options = NULL
)

Return array containing subset of records matching criteria, total number of records in superset, number of subsets available, and actual subset position

Returns

array

Parameters

\$pos int
\$size int
\$filter string|array
\$options array

DB\Cursor::prev ()

Map previous record

Returns
mixed

DB\Cursor::reset ()

Reset cursor

Returns
NULL

DB\Cursor::save ()

Save mapped record

Returns
mixed

DB\Cursor::skip (\$ofs = 1)

Map to nth record relative to current cursor position

Returns
mixed

Parameters
\$ofs int

DB\Cursor::update ()

abstract

Update current record

Returns
array

The documentation for this class was generated from the following file:

- db/cursor.php
-

Generated on Mon Aug 19 2013 21:27:59 for Fat-Free Framework by [doxygen](#) 1.8.4

Fat-Free Framework 3.1.0 API Reference

DB > Jig >

DB\Jig Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Attributes](#) | [List of all members](#)

Flat-file DB wrapper. [More...](#)

Public Member Functions

read (\$file)

write (\$file, array \$data=NULL)

log ()

jot (\$frame)

drop ()

__construct (\$dir, \$format=self::FORMAT_JSON)

Public Attributes

\$format

Current storage format.

\$log

Jig log.

```
const FORMAT_JSON =0
```

```
const FORMAT_Serialized =1
```

Protected Attributes

\$dir

Storage location.

Detailed Description

Flat-file DB wrapper.

Constructor & Destructor Documentation

```
DB\Jig::__construct( $dir,  
                      $format = self::FORMAT_JSON  
                    )
```

Instantiate class

Parameters

\$dir string
\$format int

Member Function Documentation

DB\Jig::drop ()

Clean storage

Returns
NULL

DB\Jig::jot (\$frame)

Jot down log entry

Returns
NULL

Parameters
\$frame string

DB\Jig::log ()

Return SQL profiler results

Returns
string

DB\Jig::read (\$file)

Read data from file

Returns
array

Parameters

\$file string

```
DB\Jig::write (      $file,  
                    array $data = NULL  
                )
```

Write data to file

Returns

int

Parameters

\$file string
\$data array

The documentation for this class was generated from the following file:

- db/jig.php
-

Fat-Free Framework 3.1.0 API Reference

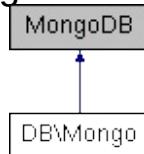
DB > Mongo

[Public Member Functions](#) | [List of all members](#)

DB\Mongo Class Reference

MongoDB wrapper. [More...](#)

Inheritance diagram for DB\Mongo:



Public Member Functions

log ()

drop ()

__construct (\$dsn, \$dbname, array \$options=NULL)

Public Attributes

```
const E_Profiler ='MongoDB profiler is disabled'
```

Detailed Description

MongoDB wrapper.

Constructor & Destructor Documentation

```
DB\Mongo::__construct(      $dsn,  
                           $dbname,  
                           array $options = NULL  
                     )
```

Instantiate class

Parameters

\$dsn string
\$dbname string
\$options array

Member Function Documentation

DB\Mongo::drop ()

Intercept native call to re-enable profiler

Returns
int

DB\Mongo::log ()

Return MongoDB profiler results

Returns
string

The documentation for this class was generated from the following file:

- db/mongo.php
-

Fat-Free Framework 3.1.0 API Reference

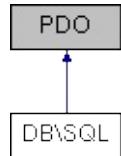
DB > SQL >

[Public Member Functions](#) | [Public Attributes](#) |
[List of all members](#)

DB\SQL Class Reference

PDO wrapper. [More...](#)

Inheritance diagram for DB\SQL:



Public Member Functions

begin ()

rollback ()

commit ()

type (\$val)

exec (\$cmds, \$args=NULL, \$ttl=0, \$log=TRUE)

count ()

log ()

schema (\$table, \$ttl=0)

quote (\$val, \$type=\PDO::PARAM_STR)

driver ()

version ()

name ()

quotekey (\$key)

__construct (\$dsn, \$user=NULL, \$pw=NULL, array \$options=NULL)

Public Attributes

\$dbname

Database name.

\$trans =FALSE

Transaction flag.

\$rows =0

Number of rows affected by query.

\$log

SQL log.

Detailed Description

PDO wrapper.

Constructor & Destructor Documentation

```
DB\SQL::__construct (      $dsn,  
                           $user = NULL,  
                           $pw = NULL,  
                           array $options = NULL  
                     )
```

Instantiate class

Parameters

\$dsn	string
\$user	string
\$pw	string
\$options	array

Member Function Documentation

DB\SQL::begin ()

Begin SQL transaction

Returns
bool

DB\SQL::commit ()

Commit SQL transaction

Returns
bool

DB\SQL::count ()

Return number of rows affected by last query

Returns
int

DB\SQL::driver ()

Return database engine

Returns
string

**DB\SQL::exec (\$cmds,
\$args = NULL,**

```
    $ttl = 0,  
    $log = TRUE  
)
```

Execute SQL statement(s)

Returns

array|int|FALSE

Parameters

```
$cmds string|array  
$args string|array  
$ttl int  
$log bool
```

DB\SQL::log ()

Return SQL profiler results

Returns

string

DB\SQL::name ()

Return database name

Returns

string

```
DB\SQL::quote ( $val,  
                $type = \PDO::PARAM_STR  
)
```

Quote string

Returns

string

Parameters

\$val mixed

\$type int

DB\SQL::quotekey (\$key)

Return quoted identifier name

Returns

string

Parameters

\$key

DB\SQL::rollback ()

Rollback SQL transaction

Returns

bool

DB\SQL::schema (\$table, \$ttl = 0)

Retrieve schema of SQL table

Returns

array|FALSE

Parameters

\$table string

\$ttl int

DB\SQL::type (\$val)

Map data type of argument to a PDO constant

Returns

int

Parameters

\$val scalar

DB\SQL::version ()

Return server version

Returns

string

The documentation for this class was generated from the following file:

- db/sql.php
-

Fat-Free Framework 3.1.0 API Reference

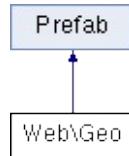
Web > Geo >

[Public Member Functions](#) | [List of all members](#)

Web\Geo Class Reference

Geo plug-in. [More...](#)

Inheritance diagram for Web\Geo:



Public Member Functions

tzinfo (\$zone)

location (\$ip=NULL)

weather (\$latitude, \$longitude)

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Geo plug-in.

Member Function Documentation

Web\Geo::location (\$ip = NULL)

Return geolocation data based on specified/auto-detected IP address

Returns

array|FALSE

Parameters

\$ip string

Web\Geo::tzinfo (\$zone)

Return information about specified Unix time zone

Returns

array

Parameters

\$zone string

Web\Geo::weather (\$latitude, \$longitude)

Return weather data based on specified latitude/longitude

Returns

array|FALSE

Parameters

\$latitude float

\$longitude float

The documentation for this class was generated from the following file:

- [web/geo.php](#)
-

Generated on Mon Aug 19 2013 21:28:04 for Fat-Free Framework by  doxygen 1.8.4

Fat-Free Framework 3.1.0 API Reference

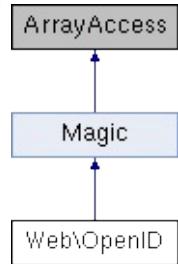
Web > OpenID >

Web\OpenID Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[Protected Attributes](#) | [List of all members](#)

OpenID consumer. [More...](#)

Inheritance diagram for Web\OpenID:



Public Member Functions

auth (\$proxy=NULL)

verified (\$proxy=NULL)

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

► Public Member Functions inherited from **Magic**

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Public Attributes

\$args =array()
HTTP request parameters.

```
const E_EndPoint ='Unable to find OpenID provider'
```

Protected Member Functions

discover (\$proxy)

Protected Attributes

\$url

OpenID provider endpoint URL.

Detailed Description

OpenID consumer.

Member Function Documentation

Web\OpenID::auth (\$proxy = NULL)

Initiate OpenID authentication sequence; Return FALSE on failure or redirect to OpenID provider URL

Returns
bool

Parameters

\$proxy string

Web\OpenID::clear (\$key)

Remove OpenID request parameter

Returns
NULL

Parameters

\$key

Web\OpenID::discover (\$proxy)

protected

Determine OpenID provider

Returns
string|FALSE

Parameters

\$proxy string

Web\OpenID::exists (\$key)

Return TRUE if OpenID request parameter exists

Returns
bool

Parameters
\$key string

Web\OpenID::get (\$key)

Return value of OpenID request parameter

Returns
mixed

Parameters
\$key string

Web\OpenID::set (\$key, \$val)

Bind value to OpenID request parameter

Returns
string

Parameters
\$key string
\$val string

Web\OpenID::verified (\$proxy = NULL)

Return TRUE if OpenID verification was successful

Returns

bool

Parameters

\$proxy string

The documentation for this class was generated from the following file:

- web/openid.php
-

Generated on Mon Aug 19 2013 21:28:04 for Fat-Free Framework by  1.8.4

Fat-Free Framework 3.1.0 API Reference

Web > Pingback

Web\Pingback Class Reference

[Public Member Functions](#) |
[Protected Member Functions](#) |
[List of all members](#)

Pingback 1.0 protocol (client and server) implementation. [More...](#)

Inheritance diagram for Web\Pingback:



Public Member Functions

inspect (\$source)

listen (\$func, \$path=NULL)

log ()

__construct ()

Protected Member Functions

enabled (\$url)

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Pingback 1.0 protocol (client and server) implementation.

Constructor & Destructor Documentation

Web\Pingback::__construct()

Instantiate class

Returns
object

Member Function Documentation

Web\Pingback::enabled (\$url)

protected

Return TRUE if URL points to a pingback-enabled resource

Returns

bool

Parameters

\$url

Web\Pingback::inspect (\$source)

Load local page contents, parse HTML anchor tags, find permalinks, and send XML-RPC calls to corresponding pingback servers

Returns

NULL

Parameters

\$source string

Web\Pingback::listen (\$func, \$path = NULL)

Receive ping, check if local page is pingback-enabled, verify source contents, and return XML-RPC response

Returns

string

Parameters

\$func callback
\$path string

Web\Pingback::log()

Return transaction history

Returns
string

The documentation for this class was generated from the following file:

- web/pingback.php

Generated on Mon Aug 19 2013 21:28:04 for Fat-Free Framework by  1.8.4

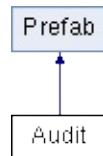
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Audit Class Reference

Data validator. [More...](#)

Inheritance diagram for Audit:



Public Member Functions

url (\$str)

email (\$str, \$mx=TRUE)

ipv4 (\$addr)

ipv6 (\$addr)

isprivate (\$addr)

isreserved (\$addr)

ispublic (\$addr)

isdesktop ()

ismobile ()

isbot ()

mod10 (\$id)

card (\$id)

entropy (\$str)

Public Attributes

```
const UA_Mobile ='android|blackberry|iphone|iPod|palm|windows\s+ce'
```

```
const UA_Desktop ='bsd|linux|os\s+[x9]|solaris|windows'
```

```
const UA_Bot ='bot|crawl|slurp|spider'
```

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Data validator.

Member Function Documentation

Audit::card (\$id)

Return credit card type if number is valid

Returns

string|FALSE

Parameters

\$id string

Audit::email (\$str, \$mx = TRUE)

Return TRUE if string is a valid e-mail address; Check DNS MX records if specified

Returns

bool

Parameters

\$str string

\$mx boolean

Audit::entropy (\$str)

Return entropy estimate of a password (NIST 800-63)

Returns

int

Parameters

\$str string

Audit::ipv4 (\$addr)

Return TRUE if string is a valid IPV4 address

Returns

bool

Parameters

\$addr string

Audit::ipv6 (\$addr)

Return TRUE if string is a valid IPV6 address

Returns

bool

Parameters

\$addr string

Audit::isbot ()

Return TRUE if user agent is a Web bot

Returns

bool

Audit::isdesktop ()

Return TRUE if user agent is a desktop browser

Returns

bool

Audit::ismobile ()

Return TRUE if user agent is a mobile device

Returns
bool

Audit::isprivate (\$addr)

Return TRUE if IP address is within private range

Returns
bool

Parameters
\$addr string

Audit::ispublic (\$addr)

Return TRUE if IP address is neither private nor reserved

Returns
bool

Parameters
\$addr string

Audit::isreserved (\$addr)

Return TRUE if IP address is within reserved range

Returns
bool

Parameters
\$addr string

Audit::mod10 (\$id)

Return TRUE if specified ID has a valid (Luhn) Mod-10 check digit

Returns

bool

Parameters

\$id string

Audit::url (\$str)

Return TRUE if string is a valid URL

Returns

bool

Parameters

\$str string

The documentation for this class was generated from the following file:

- audit.php

Fat-Free Framework 3.1.0 API Reference

Auth Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[List of all members](#)

Authorization/authentication plug-in. [More...](#)

Public Member Functions

login (\$id, \$pw, \$realm=NULL)

basic (\$func=NULL, \$halt=TRUE)

__construct (\$storage, array \$args=NULL)

Public Attributes

\$mapper

Mapper object.

\$args

Storage options.

```
const E_LDAP ='LDAP connection failure'
```

```
const E_SMTP ='SMTP connection failure'
```

Protected Member Functions

_jig (\$id, \$pw, \$realm)

_mongo (\$id, \$pw, \$realm)

_sql (\$id, \$pw, \$realm)

_ldap (\$id, \$pw)

_smtp (\$id, \$pw)

Detailed Description

Authorization/authentication plug-in.

Constructor & Destructor Documentation

```
Auth::__construct (      $storage,  
                      array $args = NULL  
)
```

Instantiate class

Returns
object

Parameters

\$storage string|object
\$args array

Member Function Documentation

```
Auth::_jig ( $id,  
            $pw,  
            $realm  
        )
```

protected

Jig storage handler

Returns
bool

Parameters

```
$id    string  
$pw    string  
$realm string
```

```
Auth::_ldap ( $id,  
              $pw  
          )
```

protected

LDAP storage handler

Returns
bool

Parameters

```
$id  string  
$pw string
```

```
Auth::_mongo ( $id,  
                $pw,  
                $realm
```

)

protected

MongoDB storage handler

Returns

bool

Parameters

\$id string

\$pw string

\$realm string

Auth::_smtp(\$id,

\$pw

)

protected

SMTP storage handler

Returns

bool

Parameters

\$id string

\$pw string

Auth::_sql(\$id,

\$pw,

\$realm

)

protected

SQL storage handler

Returns

bool

Parameters

\$id string

\$pw string
\$realm string

Auth::basic (**\$func = NULL,**
 \$halt = TRUE
)

HTTP basic auth mechanism

Returns
bool

Parameters

\$func callback
\$halt bool

Auth::login (**\$id,**
 \$pw,
 \$realm = NULL
)

Login auth mechanism

Returns
bool

Parameters

\$id string
\$pw string
\$realm string

The documentation for this class was generated from the following file:

- auth.php
-

Generated on Mon Aug 19 2013 21:27:45 for Fat-Free Framework by [doxygen](#) 1.8.4

Fat-Free Framework 3.1.0 API Reference

Base Class Reference

[Public Member Functions](#) |

[Static Public Member Functions](#) |

[Public Attributes](#) | [Protected Member Functions](#)

| [List of all members](#)

Base structure. More...

Public Member Functions

sync (\$key)

& **ref** (\$key, \$add=TRUE)

exists (\$key)

set (\$key, \$val, \$ttl=0)

get (\$key, \$args=NULL)

clear (\$key)

mset (array \$vars, \$prefix='', \$ttl=0)

hive ()

copy (\$src, \$dst)

concat (\$key, \$val)

flip (\$key)

push (\$key, \$val)

pop (\$key)

unshift (\$key, \$val)

shift (\$key)

fixslashes (\$str)

split (\$str)

stringify (\$arg)

csv (array \$args)

camelcase (\$str)

snakecase (\$str)

sign (\$num)

hash (\$str)

base64 (\$data, \$mime)

encode (\$str)

decode (\$str)

scrub (&\$var, \$tags=NULL)

esc (\$arg)

raw (\$arg)

format ()

language (\$code)

lexicon (\$path)

serialize (\$arg)

unserialize (\$arg)

status (\$code)

expire (\$secs=0)

error (\$code, \$text=", array \$trace=NULL)

mock (\$pattern, array \$args=NULL, array \$headers=NULL,
\$body=NULL)

route (\$pattern, \$handler, \$ttl=0, \$kbps=0)

reroute (\$uri, \$permanent=FALSE)

map (\$url, \$class, \$ttl=0, \$kbps=0)

blacklisted (\$ip)

run ()

call (\$func, \$args=NULL, \$hooks="")

chain (\$funcs, \$args=NULL)

relay (\$funcs, \$args=NULL)

config (\$file)

mutex (\$id, \$func, \$args=NULL)

read (\$file, \$lf=FALSE)

write (\$file, \$data, \$append=FALSE)

highlight (\$text)

dump (\$expr)

unload ()

Static Public Member Functions

static **instance** ()

Public Attributes

```
const GLOBALS ='GET|POST|COOKIE|REQUEST|SESSION|FILES|SERVER|ENV'  
Mapped PHP globals.
```

```
const VERBS ='GET|HEAD|POST|PUT|PATCH|DELETE|CONNECT'  
HTTP verbs.
```

```
const MODE =0755  
Default directory permissions.
```

```
const CSS ='code.css'  
Syntax highlighting stylesheet.
```

\$init
Initial settings.

\$languages
Language lookup sequence.

\$locales
Equivalent Locales.

\$fallback ='en'
Default fallback language.

\$null =NULL
NULL reference.

```
const PACKAGE ='Fat-Free Framework'
```

```
const VERSION ='3.1.0-Dev'
```

```
const HTTP_100 ='Continue'
```

```
const HTTP_101 ='Switching Protocols'
```

```
const HTTP_200 ='OK'
```

```
const HTTP_201 ='Created'
```

```
const HTTP_202 ='Accepted'
```

```
const HTTP_203 ='Non-Authoritative Information'
```

```
const HTTP_204 ='No Content'
```

```
const HTTP_205 ='Reset Content'
```

```
const HTTP_206 ='Partial Content'
```

```
const HTTP_300 ='Multiple Choices'
```

```
const HTTP_301 ='Moved Permanently'
```

```
const HTTP_302 ='Found'
```

```
const HTTP_303 ='See Other'
```

```
const HTTP_304 ='Not Modified'
```

```
const HTTP_305 ='Use Proxy'
```

```
const HTTP_307 ='Temporary Redirect'
```

```
const HTTP_400 ='Bad Request'
```

```
const HTTP_401 ='Unauthorized'
```

```
const HTTP_402 ='Payment Required'
```

```
const HTTP_403 ='Forbidden'
```

```
const HTTP_404 ='Not Found'
```

```
const HTTP_405 ='Method Not Allowed'  
  
const HTTP_406 ='Not Acceptable'  
  
const HTTP_407 ='Proxy Authentication Required'  
  
const HTTP_408 ='Request Timeout'  
  
const HTTP_409 ='Conflict'  
  
const HTTP_410 ='Gone'  
  
const HTTP_411 ='Length Required'  
  
const HTTP_412 ='Precondition Failed'  
  
const HTTP_413 ='Request Entity Too Large'  
  
const HTTP_414 ='Request-URI Too Long'  
  
const HTTP_415 ='Unsupported Media Type'  
  
const HTTP_416 ='Requested Range Not Satisfiable'  
  
const HTTP_417 ='Expectation Failed'  
  
const HTTP_500 ='Internal Server Error'  
  
const HTTP_501 ='Not Implemented'  
  
const HTTP_502 ='Bad Gateway'  
  
const HTTP_503 ='Service Unavailable'  
  
const HTTP_504 ='Gateway Timeout'  
  
const HTTP_505 ='HTTP Version Not Supported'
```

```
const REQ_SYNC=1
```

```
const REQ_AJAX=2
```

```
const E_Pattern ='Invalid routing pattern: %s'
```

```
const E_Fatal ='Fatal error: %s'
```

```
const E_Open ='Unable to open %s'
```

```
const E_Routes ='No routes specified'
```

```
const E_Method ='Invalid method %s'
```

```
const E_Hive ='Invalid hive key %s'
```

Protected Member Functions

autoload (\$class)

Detailed Description

Base structure.

Member Function Documentation

Base::autoload (\$class)

protected

Namespace-aware class autoloader

Returns

mixed

Parameters

\$class string

Base::base64 (\$data, \$mime)

Return Base64-encoded equivalent

Returns

string

Parameters

\$data string
\$mime string

Base::blacklisted (\$ip)

Return TRUE if IPv4 address exists in DNSBL

Returns

bool

Parameters

\$ip string

```
Base::call ( $func,  
           $args = NULL,  
           $hooks = ''  
)
```

Execute callback/hooks (supports 'class->method' format)

Returns

mixed|FALSE

Parameters

\$func callback

\$args mixed

\$hooks string

Base::camelcase (\$str)

Convert snakecase string to camelcase

Returns

string

Parameters

\$str string

```
Base::chain ( $funcs,  
           $args = NULL  
)
```

Execute specified callbacks in succession; Apply same arguments to all callbacks

Returns

array

Parameters

\$funcs array|string
\$args mixed

Base::clear (\$key)

Unset hive key

Returns
NULL

Parameters
\$key string

Base::concat (\$key, \$val)

Concatenate string to hive string variable

Returns
string

Parameters
\$key string
\$val string

Base::config (\$file)

Configure framework according to .ini-style file settings

Returns
NULL

Parameters
\$file string

```
Base::copy ( $src,  
            $dst  
            )
```

Copy contents of hive variable to another

Returns
mixed

Parameters

\$src string
 \$dst string

Base::csv (array \$args)

Flatten array values and return as CSV string

Returns
string

Parameters

\$args array

Base::decode (\$str)

Convert HTML entities back to characters

Returns
string

Parameters

\$str string

Base::dump (\$expr)

Dump expression with syntax highlighting

Returns
NULL

Parameters
\$expr mixed

Base::encode (\$str)

Convert special characters to HTML entities

Returns
string

Parameters
\$str string

Base::error (**\$code,**
 \$text = '' ,
 array \$trace = NULL
)

Log error; Execute ONERROR handler if defined, else display default error page (HTML for synchronous requests, JSON string for AJAX requests)

Returns
NULL

Parameters
\$code int
\$text string
\$trace array

Base::esc (\$arg)

Encode characters to equivalent HTML entities

Returns
string

Parameters
\$arg mixed

Base::exists(\$key)

Return TRUE if hive key is not empty (or timestamp and TTL if cached)

Returns
bool

Parameters
\$key string

Base::expire(\$secs = 0)

Send cache metadata to HTTP client

Returns
NULL

Parameters
\$secs int

Base::fixslashes(\$str)

Convert backslashes to slashes

Returns
string

Parameters
\$str string

Base::flip (\$key)

Swap keys and values of hive array variable

Returns
array

Parameters
\$key string

Base::format ()

Return locale-aware formatted string

Returns
string

Base::get (\$key,
\$args = NULL
)

Retrieve contents of hive key

Returns
mixed

Parameters
\$key string
\$args string|array

Base::hash (\$str)

Generate 64bit/base36 hash

Returns
string

Parameters

\$str

Base::highlight (\$text)

Apply syntax highlighting

Returns

string

Parameters

\$text string

Base::hive ()

Publish hive contents

Returns

array

static Base::instance ()static

Return class instance

Returns

object

Base::language (\$code)

Assign/auto-detect language

Returns

string

Parameters

\$code string

Base::lexicon (\$path)

Transfer lexicon entries to hive

Returns

NULL

Parameters

\$path string

```
Base::map ( $url,
            $class,
            $ttl = 0,
            $kbps = 0
        )
```

Provide ReST interface by mapping HTTP verb to class method

Returns

NULL

Parameters

\$url string
\$class string
\$ttl int
\$kbps int

```
Base::mock (          $pattern,
              array $args = NULL,
              array $headers = NULL,
              $body = NULL
        )
```

Mock HTTP request

Returns
NULL

Parameters

\$pattern string
\$args array
\$headers array
\$body string

```
Base::mset( array $vars,  
            $prefix = '',  
            $ttl = 0  
        )
```

Multi-variable assignment using associative array

Returns
NULL

Parameters

\$vars array
\$prefix string
\$ttl int

```
Base::mutex( $id,  
             $func,  
             $args = NULL  
         )
```

Create mutex, invoke callback then drop ownership when done

Returns
mixed

Parameters

\$id string
\$func callback

\$args mixed

Base::pop (\$key)

Remove last element of hive array variable

Returns

mixed

Parameters

\$key string

Base::push (\$key, \$val)

Add element to the end of hive array variable

Returns

mixed

Parameters

\$key string

\$val mixed

Base::raw (\$arg)

Decode HTML entities to equivalent characters

Returns

string

Parameters

\$arg mixed

Base::read (\$file,

```
$If = FALSE  
)
```

Read file (with option to apply Unix LF as standard line ending)

Returns

string

Parameters

\$file string
\$If bool

```
& Base::ref( $key,  
              $add = TRUE  
            )
```

Get hive key reference/contents; Add non-existent hive keys, array elements, and object properties by default

Returns

mixed

Parameters

\$key string
\$add bool

```
Base::relay( $funcs,  
             $args = NULL  
           )
```

Execute specified callbacks in succession; Relay result of previous callback as argument to the next callback

Returns

array

Parameters

\$funcs array|string
\$args mixed

Base::reroute (\$uri,
 \$permanent = FALSE
)

Reroute to specified URI

Returns
NULL

Parameters

\$uri string
 \$permanent bool

Base::route (\$pattern,
 \$handler,
 \$ttl = 0,
 \$kbps = 0
)

Bind handler to route pattern

Returns
NULL

Parameters

\$pattern string|array
 \$handler callback
 \$ttl int
 \$kbps int

Base::run ()

Match routes against incoming URI

Returns

NULL

**Base::scrub (& \$var,
\$tags = NULL
)**

Remove HTML tags (except those enumerated) and non-printable characters to mitigate XSS/code injection attacks

Returns

mixed

Parameters

\$var mixed
\$tags string

Base::serialize (\$arg)

Return string representation of PHP value

Returns

string

Parameters

\$arg mixed

**Base::set (\$key,
\$val,
\$ttl = 0
)**

Bind value to hive key

Returns
mixed

Parameters

\$key string
\$val mixed
\$ttl int

Base::shift (\$key)

Remove first element of hive array variable

Returns
mixed

Parameters

\$key string

Base::sign (\$num)

Return -1 if specified number is negative, 0 if zero, or 1 if the number is positive

Returns
int

Parameters

\$num mixed

Base::snakecase (\$str)

Convert camelcase string to snakecase

Returns
string

Parameters

\$str string

Base::split (\$str)

Split comma-, semi-colon, or pipe-separated string

Returns

array

Parameters

\$str string

Base::status (\$code)

Send HTTP/1.1 status header; Return text equivalent of status code

Returns

string

Parameters

\$code int

Base::stringify (\$arg)

Convert PHP expression/value to compressed exportable string

Returns

string

Parameters

\$arg mixed

Base::sync (\$key)

Sync PHP global with corresponding hive key

Returns
array

Parameters
\$key string

Base::unload ()

Execute framework/application shutdown sequence

Returns
NULL

Base::unserialize (\$arg)

Return PHP value derived from string

Returns
string

Parameters
\$arg mixed

Base::unshift (**\$key**, **\$val**)

Add element to the beginning of hive array variable

Returns
mixed

Parameters
\$key string
\$val mixed

```
Base::write ( $file,
            $data,
            $append = FALSE
        )
```

Exclusive file write

Returns

int|FALSE

Parameters

\$file	string
\$data	mixed
\$append	bool

The documentation for this class was generated from the following file:

- base.php

Generated on Mon Aug 19 2013 21:27:46 for Fat-Free Framework by [doxygen](#) 1.8.4

Fat-Free Framework 3.1.0 API Reference

Basket Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Attributes](#) | [List of all members](#)

Session-based pseudo-mapper. [More...](#)

Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

find (\$key, \$val)

load (\$key, \$val)

dry ()

count ()

save ()

erase (\$key, \$val)

reset ()

drop ()

copyfrom (\$key)

copyto (\$key)

checkout ()

__construct (\$key='basket')

Public Attributes

\$id

Current item identifier.

\$item =array()

Current item contents.

```
const E_Field ='Undefined field %s'
```

Protected Attributes

\$key

Session key.

Detailed Description

Session-based pseudo-mapper.

Constructor & Destructor Documentation

Basket::__construct(\$key = 'basket')

Instantiate class

Returns
void

Parameters

\$key string

Member Function Documentation

Basket::checkout ()

Check out basket contents

Returns
array

Basket::clear (\$key)

Delete field

Returns
NULL

Parameters
\$key string

Basket::copyfrom (\$key)

Hydrate item using hive array variable

Returns
NULL

Parameters
\$key string

Basket::copyto (\$key)

Populate hive array variable with item contents

Returns
NULL

Parameters
\$key string

Basket::count ()

Return number of items in basket

Returns
int

Basket::drop ()

Empty basket

Returns
NULL

Basket::dry ()

Return TRUE if current item is empty/undefined

Returns
bool

Basket::erase (**\$key,**
\$val
)

Erase item matching key/value pair

Returns
bool

Parameters**\$key** string**\$val** mixed**Basket::exists (\$key)**

Return TRUE if field is defined

Returns

bool

Parameters**\$key** string**Basket::find (\$key,
 \$val
)**

Return item that matches key/value pair

Returns

object|FALSE

Parameters**\$key** string**\$val** mixed**Basket::get (\$key)**

Retrieve value of field

Returns

scalar|FALSE

Parameters**\$key** string

```
Basket::load( $key,  
           $val  
)
```

Map current item to matching key/value pair

Returns
array

Parameters

\$key string
\$val mixed

Basket::reset()

Reset cursor

Returns
NULL

Basket::save()

Save current item

Returns
array

```
Basket::set( $key,  
           $val  
)
```

Assign value to field

Returns
scalar|FALSE

Parameters

\$key string
\$val scalar

The documentation for this class was generated from the following file:

- basket.php
-

Generated on Mon Aug 19 2013 21:27:46 for Fat-Free Framework by [doxygen](#) 1.8.4

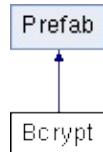
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Bcrypt Class Reference

Lightweight password hashing library. [More...](#)

Inheritance diagram for Bcrypt:



Public Member Functions

hash (\$pw, \$salt=NULL, \$cost=10)

verify (\$pw, \$hash)

Public Attributes

```
const E_Cost ='Invalid cost parameter'
```

```
const E_Salt ='Invalid salt (must be at least 22 alphanumeric  
characters)'
```

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Lightweight password hashing library.

Member Function Documentation

```
Bcrypt::hash( $pw,  
              $salt = NULL,  
              $cost = 10  
            )
```

Generate bcrypt hash of string

Returns

string|FALSE

Parameters

\$pw string
\$salt string
\$cost int

```
Bcrypt::verify( $pw,  
                $hash  
              )
```

Verify password against hash using timing attack resistant approach

Returns

bool

Parameters

\$pw string
\$hash string

The documentation for this class was generated from the following file:

- bcrypt.php
-

Generated on Mon Aug 19 2013 21:27:46 for Fat-Free Framework by [doxygen](#) 1.8.4

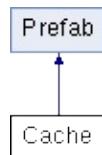
Fat-Free Framework 3.1.0 API Reference

Cache Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Attributes](#) | [List of all members](#)

Cache engine. More...

Inheritance diagram for Cache:



Public Member Functions

exists (\$key, &\$val=NULL)

set (\$key, \$val, \$ttl=0)

get (\$key)

clear (\$key)

reset (\$suffix=NULL, \$lifetime=0)

load (\$dsn)

__construct (\$dsn=FALSE)

Public Attributes

\$prefix

Prefix for cache entries.

\$ref

MemCache object.

Protected Attributes

\$dsn

Cache DSN.

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Cache engine.

Constructor & Destructor Documentation

Cache::__construct(\$dsn = FALSE)

Class constructor

Returns
object

Parameters
\$dsn bool|string

Member Function Documentation

Cache::clear(\$key)

Delete cache entry

Returns
bool

Parameters
\$key string

Cache::exists(\$key, & \$val = NULL)

Return timestamp and TTL of cache entry or FALSE if not found

Returns
float|FALSE

Parameters
\$key string
\$val mixed

Cache::get(\$key)

Retrieve value of cache entry

Returns
mixed|FALSE

Parameters
\$key string

Cache::load (\$dsn)

Load/auto-detect cache backend

Returns

string

Parameters

\$dsn bool|string

Cache::reset (\$suffix = NULL, \$lifetime = 0

)

Clear contents of cache backend

Returns

bool

Parameters

\$suffix string
\$lifetime int

Cache::set (\$key, \$val, \$ttl = 0

)

Store value in cache

Returns

mixed|FALSE

Parameters

\$key string

\$val mixed

\$ttl int

The documentation for this class was generated from the following file:

- base.php
-

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Fat-Free Framework 3.1.0 API Reference

F3 Class Reference

[Static Public Member Functions](#) |

[Static Public Attributes](#) | [List of all members](#)

Legacy mode enabler. [More...](#)

Static Public Member Functions

static __callstatic (\$func, array \$args)

Static Public Attributes

static \$fw

Framework instance.

Detailed Description

Legacy mode enabler.

Member Function Documentation

```
static F3::__callstatic (      $func,  
                           array $args  
                         )
```

static

Forward function calls to framework

Returns

mixed

Parameters

\$func callback
\$args array

The documentation for this class was generated from the following file:

- f3.php

Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [Public Attributes](#) |
[List of all members](#)

Image Class Reference

Image manipulation tools. [More...](#)

Public Member Functions

rgb (\$color)

invert ()

brightness (\$level)

contrast (\$level)

grayscale ()

smooth (\$level)

emboss ()

sepia ()

pixelate (\$size)

blur (\$selective=FALSE)

sketch ()

hflip ()

vflip ()

crop (\$x1, \$y1, \$x2, \$y2)

resize (\$width, \$height, \$crop=TRUE, \$enlarge=TRUE)

rotate (\$angle)

overlay (**Image** \$img, \$align=NULL)

identicon (\$str, \$size=64, \$blocks=4)

captcha (\$font, \$size=24, \$len=5, \$key=NULL, \$path="")

width ()

height ()

render ()

dump ()

save ()

restore (\$state=1)

undo ()

__construct (\$file=NULL, \$flag=FALSE, \$path="")

__destruct ()

Public Attributes

\$data

Image resource.

\$flag =FALSE

Enable/disable history.

\$count =0

Filter count.

```
const E_Color ='Invalid color specified: %s'
```

```
const E_Font ='CAPTCHA font not found'
```

```
const POS_Left =1
```

```
const POS_Center =2
```

```
const POS_Right =4
```

```
const POS_Top =8
```

```
const POS_Middle =16
```

```
const POS_Bottom =32
```

Detailed Description

Image manipulation tools.

Constructor & Destructor Documentation

```
Image::__construct( $file = NULL,  
                    $flag = FALSE,  
                    $path = ''  
)
```

Instantiate image

Parameters

\$file string
\$flag bool
\$path string

```
Image::__destruct()
```

Wrap-up

Returns

NULL

Member Function Documentation

Image::blur (\$selective = FALSE)

Blur the image using Gaussian filter

Returns
object

Parameters
\$selective bool

Image::brightness (\$level)

Adjust brightness (range:-255 to 255)

Returns
object

Parameters
\$level int

Image::captcha (\$font, \$size = 24, \$len = 5, \$key = NULL, \$path = '')

Generate CAPTCHA image

Returns
object|FALSE

Parameters

\$font string
\$size int
\$len int
\$key string
\$path string

Image::contrast (\$level)

Adjust contrast (range:-100 to 100)

Returns

object

Parameters

\$level int

Image::crop (\$x1, \$y1, \$x2, \$y2)

Crop the image

Returns

object

Parameters

\$x1 int
\$y1 int
\$x2 int
\$y2 int

Image::dump ()

Return image as a string

Returns
string

Image::emboss ()

Emboss the image

Returns
object

Image::grayscale ()

Convert to grayscale

Returns
object

Image::height ()

Return image height

Returns
int

Image::hflip ()

Flip on horizontal axis

Returns
object

Image::identicon (\$str,

```
$size = 64,  
$blocks = 4  
)
```

Generate identicon

Returns
object

Parameters

```
$str    string  
$size   int  
$blocks int
```

Image::invert()

Invert image

Returns
object

```
Image::overlay ( Image $img,  
                $align = NULL  
)
```

Apply an image overlay

Returns
object

Parameters

```
$img   object  
$align int
```

Image::pixelate(\$size)

Pixelate the image

Returns
object

Parameters
\$size int

Image::render ()

Send image to HTTP client

Returns
NULL

Image::resize (\$width, \$height, \$crop = TRUE, \$enlarge = TRUE)

Resize image (Maintain aspect ratio); Crop relative to center if flag is enabled; Enlargement allowed if flag is enabled

Returns
object

Parameters
\$width int
\$height int
\$crop bool
\$enlarge bool

Image::restore (\$state = 1)

Revert to specified state

Returns
object

Parameters

\$state int

Image::rgb (\$color)

Convert RGB hex triad to array

Returns
array|FALSE

Parameters

\$color int

Image::rotate (\$angle)

Rotate image

Returns
object

Parameters

\$angle int

Image::save ()

Save current state

Returns
object

Image::sepia ()

Apply sepia effect

Returns
object

Image::sketch ()

Apply sketch effect

Returns
object

Image::smooth (\$level)

Adjust smoothness

Returns
object

Parameters
\$level int

Image::undo ()

Undo most recently applied filter

Returns
object

Image::vflip ()

Flip on vertical axis

Returns

object

Image::width ()

Return image width

Returns

int

The documentation for this class was generated from the following file:

- image.php
-

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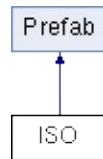
Fat-Free Framework 3.1.0 API Reference

ISO Class Reference

[Public Member Functions](#) |
[Protected Member Functions](#) |
[List of all members](#)

ISO language/country codes. [More...](#)

Inheritance diagram for ISO:



Public Member Functions

languages ()

countries ()

Public Attributes

```
const CC_af ='Afghanistan'
```

```
const CC_ax ='Åland Islands'
```

```
const CC_al ='Albania'
```

```
const CC_dz ='Algeria'
```

```
const CC_as ='American Samoa'
```

```
const CC_ad ='Andorra'
```

```
const CC_ao ='Angola'
```

```
const CC_ai ='Anguilla'
```

```
const CC_aq ='Antarctica'
```

```
const CC_ag ='Antigua and Barbuda'
```

```
const CC_ar ='Argentina'
```

```
const CC_am ='Armenia'
```

```
const CC_aw ='Aruba'
```

```
const CC_au ='Australia'
```

```
const CC_at ='Austria'
```

```
const CC_az ='Azerbaijan'
```

```
const CC_bs ='Bahamas'
```

```
const CC_bh ='Bahrain'
```

```
const CC_bd ='Bangladesh'
```

```
const CC_bb ='Barbados'
```

```
const CC_by ='Belarus'
```

```
const CC_be ='Belgium'
```

```
const CC_bz ='Belize'
```

```
const CC_bj ='Benin'
```

```
const CC_bm ='Bermuda'
```

```
const CC_bt ='Bhutan'
```

```
const CC_bo ='Bolivia'
```

```
const CC_bq ='Bonaire, Sint Eustatius and Saba'
```

```
const CC_ba ='Bosnia and Herzegovina'
```

```
const CC_bw ='Botswana'
```

```
const CC_bv ='Bouvet Island'
```

```
const CC_br ='Brazil'
```

```
const CC_io ='British Indian Ocean Territory'
```

```
const CC_bn ='Brunei Darussalam'
```

```
const CC_bg ='Bulgaria'
```

```
const CC_bf ='Burkina Faso'
```

```
const CC_bi ='Burundi'
```

```
const CC_kh ='Cambodia'
```

```
const CC_cm ='Cameroon'
```

```
const CC_ca ='Canada'
```

```
const CC_cv ='Cape Verde'
```

```
const CC_ky ='Cayman Islands'
```

```
const CC_cf ='Central African Republic'
```

```
const CC_td ='Chad'
```

```
const CC_ci ='Chile'
```

```
const CC_cn ='China'
```

```
const CC_cx ='Christmas Island'
```

```
const CC_cc ='Cocos (Keeling) Islands'
```

```
const CC_co ='Colombia'
```

```
const CC_km ='Comoros'
```

```
const CC_cg ='Congo'
```

```
const CC_cd ='Congo, The Democratic Republic of'
```

```
const CC_ck ='Cook Islands'
```

```
const CC_cr ='Costa Rica'
```

```
const CC_ci ='Côte d'Ivoire'
```

```
const CC_hr ='Croatia'
```

```
const CC_cu ='Cuba'
```

```
const CC_cw ='Curaçao'
```

```
const CC_cy ='Cyprus'
```

```
const CC_cz ='Czech Republic'
```

```
const CC_dk ='Denmark'
```

```
const CC_dj ='Djibouti'
```

```
const CC_dm ='Dominica'
```

```
const CC_do ='Dominican Republic'
```

```
const CC_ec ='Ecuador'
```

```
const CC_eg ='Egypt'
```

```
const CC_sv ='El Salvador'
```

```
const CC_gq ='Equatorial Guinea'
```

```
const CC_er ='Eritrea'
```

```
const CC_ee ='Estonia'
```

```
const CC_et ='Ethiopia'
```

```
const CC_fk ='Falkland Islands (Malvinas)'
```

```
const CC_fo ='Faroe Islands'
```

```
const CC_fj ='Fiji'
```

```
const CC_fi ='Finland'
```

```
const CC_fr ='France'
```

```
const CC_gf ='French Guiana'
```

```
const CC_pf ='French Polynesia'
```

```
const CC_tf ='French Southern Territories'
```

```
const CC_ga ='Gabon'
```

```
const CC_gm ='Gambia'
```

```
const CC_ge ='Georgia'
```

```
const CC_de ='Germany'
```

```
const CC_gh ='Ghana'
```

```
const CC_gi ='Gibraltar'
```

```
const CC_gr ='Greece'
```

```
const CC_gI ='Greenland'
```

```
const CC_gd ='Grenada'
```

```
const CC_gp ='Guadeloupe'
```

```
const CC_gu ='Guam'
```

```
const CC_gt ='Guatemala'
```

```
const CC_gg ='Guernsey'
```

```
const CC_gn ='Guinea'
```

```
const CC_gw ='Guinea-Bissau'
```

```
const CC_gy ='Guyana'
```

```
const CC_ht ='Haiti'
```

```
const CC_hm ='Heard Island and McDonald Islands'
```

```
const CC_va ='Holy See (Vatican City State)'
```

```
const CC_hn ='Honduras'
```

```
const CC_hk ='Hong Kong'
```

```
const CC_hu ='Hungary'
```

```
const CC_is ='Iceland'
```

```
const CC_in ='India'
```

```
const CC_id ='Indonesia'
```

```
const CC_ir ='Iran, Islamic Republic of'
```

```
const CC_iq ='Iraq'
```

```
const CC_ie ='Ireland'
```

```
const CC_im ='Isle of Man'
```

```
const CC_il ='Israel'
```

```
const CC_it ='Italy'
```

```
const CC_jm ='Jamaica'
```

```
const CC_jp ='Japan'
```

```
const CC_je ='Jersey'
```

```
const CC_jo ='Jordan'
```

```
const CC_kz ='Kazakhstan'
```

```
const CC_ke ='Kenya'
```

```
const CC_ki ='Kiribati'
```

```
const CC_kp ='Korea, Democratic People\'s Republic of'
```

```
const CC_kr ='Korea, Republic of'
```

```
const CC_kw ='Kuwait'
```

```
const CC_kg ='Kyrgyzstan'
```

```
const CC_la ='Lao People\'s Democratic Republic'
```

```
const CC_lv ='Latvia'
```

```
const CC_lb ='Lebanon'
```

```
const CC_ls ='Lesotho'
```

```
const CC_ir ='Liberia'
```

```
const CC_ly ='Libya'
```

```
const CC_li ='Liechtenstein'
```

```
const CC_lt ='Lithuania'
```

```
const CC_lu ='Luxembourg'
```

```
const CC_mo ='Macao'
```

```
const CC_mk ='Macedonia, The Former Yugoslav Republic of'
```

```
const CC_mg ='Madagascar'
```

```
const CC_mw ='Malawi'
```

```
const CC_my ='Malaysia'
```

```
const CC_mv ='Maldives'
```

```
const CC_ml ='Mali'
```

```
const CC_mt ='Malta'
```

```
const CC_mh ='Marshall Islands'
```

```
const CC_mq ='Martinique'
```

```
const CC_mr ='Mauritania'
```

```
const CC_mu ='Mauritius'
```

```
const CC_yt ='Mayotte'
```

```
const CC_mx ='Mexico'
```

```
const CC_fm ='Micronesia, Federated States of'
```

```
const CC_md ='Moldova, Republic of'
```

```
const CC_mc ='Monaco'
```

```
const CC_mn ='Mongolia'
```

```
const CC_me ='Montenegro'
```

```
const CC_ms ='Montserrat'
```

```
const CC_ma ='Morocco'
```

```
const CC_mz ='Mozambique'
```

```
const CC_mm ='Myanmar'
```

```
const CC_na ='Namibia'
```

```
const CC_nr ='Nauru'
```

```
const CC_np ='Nepal'
```

```
const CC_nl ='Netherlands'
```

```
const CC_nc ='New Caledonia'
```

```
const CC_nz ='New Zealand'
```

```
const CC_ni ='Nicaragua'
```

```
const CC_ne ='Niger'
```

```
const CC_ng ='Nigeria'
```

```
const CC_nu ='Niue'
```

```
const CC_nf ='Norfolk Island'
```

```
const CC_mp ='Northern Mariana Islands'
```

```
const CC_no ='Norway'
```

```
const CC_om ='Oman'
```

```
const CC_pk ='Pakistan'
```

```
const CC_pw ='Palau'
```

```
const CC_ps ='Palestinian Territory, Occupied'
```

```
const CC_pa ='Panama'
```

```
const CC_pg ='Papua New Guinea'
```

```
const CC_py ='Paraguay'
```

```
const CC_pe ='Peru'
```

```
const CC_ph ='Philippines'
```

```
const CC_pn ='Pitcairn'
```

```
const CC_pl ='Poland'
```

```
const CC_pt ='Portugal'
```

```
const CC_pr ='Puerto Rico'
```

```
const CC_qa ='Qatar'
```

```
const CC_re ='Réunion'
```

```
const CC_ro ='Romania'
```

```
const CC_ru ='Russian Federation'
```

```
const CC_rw ='Rwanda'
```

```
const CC_bI ='Saint Barthélemy'
```

```
const CC_sh ='Saint Helena, Ascension and Tristan da Cunha'
```

```
const CC_kn ='Saint Kitts and Nevis'
```

```
const CC_lc ='Saint Lucia'
```

```
const CC_mf ='Saint Martin (French Part)'
```

```
const CC_pm ='Saint Pierre and Miquelon'
```

```
const CC_vc ='Saint Vincent and The Grenadines'
```

```
const CC_ws ='Samoa'
```

```
const CC_sm ='San Marino'
```

```
const CC_st ='Sao Tome and Principe'
```

```
const CC_sa ='Saudi Arabia'
```

```
const CC_sn ='Senegal'
```

```
const CC_rs ='Serbia'
```

```
const CC_sc ='Seychelles'
```

```
const CC_sl ='Sierra Leone'
```

```
const CC_sg ='Singapore'
```

```
const CC_sk ='Slovakia'
```

```
const CC_sx ='Sint Maarten (Dutch Part)'
```

```
const CC_si ='Slovenia'
```

```
const CC_sb ='Solomon Islands'
```

```
const CC_so ='Somalia'
```

```
const CC_za ='South Africa'
```

```
const CC_gs ='South Georgia and The South Sandwich Islands'
```

```
const CC_ss ='South Sudan'
```

```
const CC_es ='Spain'
```

```
const CC_lk ='Sri Lanka'
```

```
const CC_sd ='Sudan'
```

```
const CC_sr ='Suriname'
```

```
const CC_sj ='Svalbard and Jan Mayen'
```

```
const CC_sz ='Swaziland'
```

```
const CC_se ='Sweden'
```

```
const CC_ch ='Switzerland'
```

```
const CC_sy ='Syrian Arab Republic'
```

```
const CC_tw ='Taiwan, Province of China'
```

```
const CC_tj ='Tajikistan'
```

```
const CC_tz ='Tanzania, United Republic of'
```

```
const CC_th ='Thailand'
```

```
const CC_tl ='Timor-Leste'
```

```
const CC_tg ='Togo'
```

```
const CC_tk ='Tokelau'
```

```
const CC_to ='Tonga'
```

```
const CC_tt ='Trinidad and Tobago'
```

```
const CC_tn ='Tunisia'
```

```
const CC_tr ='Turkey'
```

```
const CC_tm ='Turkmenistan'
```

```
const CC_tc ='Turks and Caicos Islands'
```

```
const CC_tv ='Tuvalu'
```

```
const CC_ug ='Uganda'
```

```
const CC_ua ='Ukraine'
```

```
const CC_ae ='United Arab Emirates'
```

```
const CC_gb ='United Kingdom'
```

```
const CC_us ='United States'
```

```
const CC_um ='United States Minor Outlying Islands'
```

```
const CC_uy ='Uruguay'
```

```
const CC_uz ='Uzbekistan'
```

```
const CC_vu ='Vanuatu'
```

```
const CC_ve ='Venezuela'
```

```
const CC_vn ='Viet Nam'
```

```
const CC_vg ='Virgin Islands, British'
```

```
const CC_vi ='Virgin Islands, U.S.'
```

```
const CC_wf ='Wallis and Futuna'
```

```
const CC_eh ='Western Sahara'
```

```
const CC_ye ='Yemen'
```

```
const CC_zm ='Zambia'
```

```
const CC_zw ='Zimbabwe'
```

```
const LC_af ='Afrikaans'
```

```
const LC_am ='Amharic'
```

```
const LC_ar ='Arabic'
```

```
const LC_as ='Assamese'
```

```
const LC_ba ='Bashkir'
```

```
const LC_be ='Belarusian'
```

```
const LC_bg ='Bulgarian'
```

```
const LC_bn ='Bengali'
```

```
const LC_bo ='Tibetan'
```

```
const LC_br ='Breton'
```

```
const LC_ca ='Catalan'
```

```
const LC_co ='Corsican'
```

```
const LC_cs ='Czech'
```

```
const LC_cy ='Welsh'
```

```
const LC_da ='Danish'
```

```
const LC_de ='German'
```

```
const LC_dv ='Divehi'
```

```
const LC_el ='Greek'
```

```
const LC_en ='English'
```

```
const LC_es ='Spanish'
```

```
const LC_et ='Estonian'
```

```
const LC_eu ='Basque'
```

```
const LC_fa ='Persian'
```

```
const LC_fi ='Finnish'
```

```
const LC_fo ='Faroese'
```

```
const LC_fr ='French'
```

```
const LC_gd ='Scottish Gaelic'
```

```
const LC_gl ='Galician'
```

```
const LC_gu ='Gujarati'
```

```
const LC_he ='Hebrew'
```

```
const LC_hi ='Hindi'
```

```
const LC_hr ='Croatian'
```

```
const LC_hu ='Hungarian'
```

```
const LC_hy ='Armenian'
```

```
const LC_id ='Indonesian'
```

```
const LC_ig ='Igbo'
```

```
const LC_is ='Icelandic'
```

```
const LC_it ='Italian'
```

```
const LC_ja ='Japanese'
```

```
const LC_ka ='Georgian'
```

```
const LC_kk ='Kazakh'
```

```
const LC_km ='Khmer'
```

```
const LC_kn ='Kannada'
```

```
const LC_ko ='Korean'
```

```
const LC_lb ='Luxembourgish'
```

```
const LC_lo ='Lao'
```

```
const LC_lt ='Lithuanian'
```

```
const LC_lv ='Latvian'
```

```
const LC_mi ='Maori'
```

```
const LC_ml ='Malayalam'
```

```
const LC_mr ='Marathi'
```

```
const LC_ms ='Malay'
```

```
const LC_mt ='Maltese'
```

```
const LC_ne ='Nepali'
```

```
const LC_nl ='Dutch'
```

```
const LC_no ='Norwegian'
```

```
const LC_oc ='Occitan'
```

```
const LC_or ='Oriya'
```

```
const LC_pl ='Polish'
```

```
const LC_ps ='Pashto'
```

```
const LC_pt ='Portuguese'
```

```
const LC_qu ='Quechua'
```

```
const LC_ro ='Romanian'
```

```
const LC_ru ='Russian'
```

```
const LC_rw ='Kinyarwanda'
```

```
const LC_sa ='Sanskrit'
```

```
const LC_si ='Sinhala'
```

```
const LC_sk ='Slovak'
```

```
const LC_sl ='Slovenian'
```

```
const LC_sq ='Albanian'
```

```
const LC_sv ='Swedish'
```

```
const LC_ta ='Tamil'
```

```
const LC_te ='Telugu'
```

```
const LC_th ='Thai'
```

```
const LC_tk ='Turkmen'
```

```
const LC_tr ='Turkish'
```

```
const LC_tt ='Tatar'
```

```
const LC_uk ='Ukrainian'
```

```
const LC_ur ='Urdu'
```

```
const LC_vi ='Vietnamese'
```

```
const LC_wo ='Wolof'
```

```
const LC_yo ='Yoruba'
```

```
const LC_zh ='Chinese'
```

Protected Member Functions

constants (\$prefix)

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

ISO language/country codes.

Member Function Documentation

ISO::constants (\$prefix)

protected

Convert class constants to array

Returns
array

Parameters
\$prefix string

ISO::countries ()

Return list of countries indexed by ISO 3166-1 country code

Returns
array

ISO::languages ()

Return list of languages indexed by ISO 639-1 language code

Returns
array

The documentation for this class was generated from the following file:

- base.php

Fat-Free Framework 3.1.0 API Reference

Log Class Reference

[Public Member Functions](#) | [Protected Attributes](#)
| [List of all members](#)

Custom logger. More...

Public Member Functions

write (\$text, \$format='r')

erase ()

__construct (\$file)

Protected Attributes

\$file

File name.

Detailed Description

Custom logger.

Constructor & Destructor Documentation

Log::__construct (\$file)

Instantiate class

Parameters

\$file string

Member Function Documentation

Log::erase ()

Erase log

Returns
NULL

**Log::write (\$text,
 \$format = 'r'
)**

Write specified text to log file

Returns
string

Parameters

\$text string
\$format string

The documentation for this class was generated from the following file:

- log.php

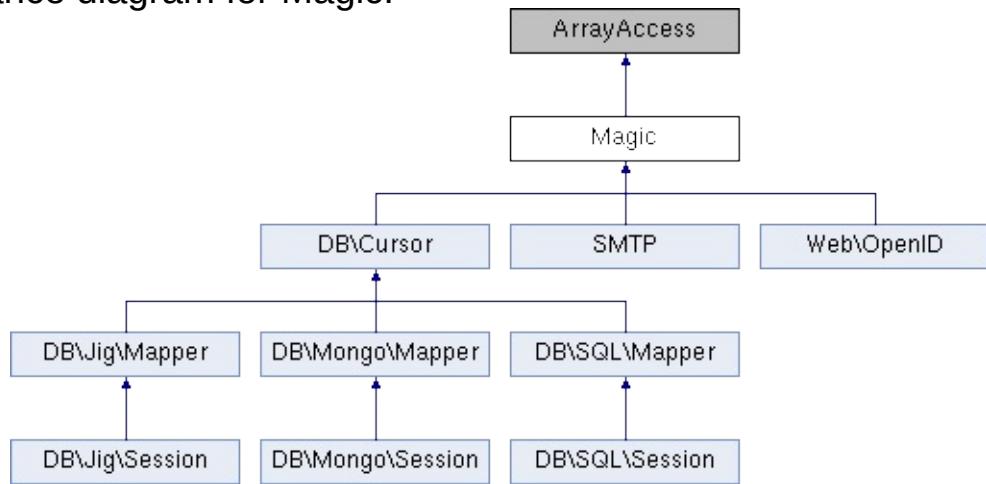
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Magic Class Reference

PHP magic wrapper. [More...](#)

Inheritance diagram for Magic:



Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Detailed Description

PHP magic wrapper.

Member Function Documentation

Magic::__get(\$key)

Alias for offsetget()

Returns
mixed

Parameters
\$key string

Magic::__isset(\$key)

Alias for offsetexists()

Returns
mixed

Parameters
\$key string

Magic::__set(\$key, \$val)

Alias for offsetset()

Returns
mixed

Parameters
\$key string
\$val scalar

Magic::__unset (\$key)

Alias for offsetunset()

Returns

NULL

Parameters

\$key string

Magic::clear (\$key)

abstract

Unset key

Returns

NULL

Parameters

\$key string

Magic::exists (\$key)

abstract

Return TRUE if key is not empty

Returns

bool

Parameters

\$key string

Magic::get (\$key)

abstract

Retrieve contents of key

Returns

mixed

Parameters

\$key string

Magic::offsetexists (\$key)

Convenience method for checking property value

Returns

mixed

Parameters

\$key string

Magic::offsetget (\$key)

Convenience method for retrieving property value

Returns

mixed

Parameters

\$key string

**Magic::offsetset (\$key,
 \$val
)**

Convenience method for assigning property value

Returns

mixed

Parameters

\$key string

\$val scalar

Magic::offsetunset(\$key)

Convenience method for checking property value

Returns

NULL

Parameters

\$key string

Magic::set(\$key, \$val

)

abstract

Bind value to key

Returns

mixed

Parameters

\$key string

\$val mixed

The documentation for this class was generated from the following file:

- magic.php

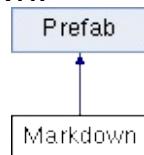
Fat-Free Framework 3.1.0 API Reference

Markdown Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[Protected Attributes](#) | [List of all members](#)

Markdown-to-HTML converter. [More...](#)

Inheritance diagram for Markdown:



Public Member Functions

esc (\$str)

scan (\$str)

convert (\$txt)

Public Attributes

\$special

Special characters.

Protected Member Functions

_blockquote (\$str)

_pre (\$str)

_fence (\$hint, \$str)

_hr ()

_atx (\$type, \$str)

_setext (\$str, \$type)

_li (\$str)

_raw (\$str)

_p (\$str)

_text (\$str)

_img (\$str)

_a (\$str)

_auto (\$str)

_code (\$str)

snip (\$str)

build (\$str)

Protected Attributes

\$blocks

Parsing rules.

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Markdown-to-HTML converter.

Member Function Documentation

Markdown::_a (\$str)

protected

Process anchor span

Returns
string

Parameters
\$str string

Markdown::_atx (\$type, \$str)

protected

Process atx-style heading

Returns
string

Parameters
\$type string
\$str string

Markdown::_auto (\$str)

protected

Auto-convert links

Returns
string

Parameters
\$str string

Markdown::_blockquote (\$str)

protected

Process blockquote

Returns

string

Parameters

\$str string

Markdown::_code (\$str)

protected

Process code span

Returns

string

Parameters

\$str string

Markdown::_fence (\$hint, \$str)

protected

Process fenced code block

Returns

string

Parameters

\$hint string

\$str string

Markdown::_hr ()

protected

Process horizontal rule

Returns

string

Markdown::_img (\$str)

protected

Process image span

Returns

string

Parameters

\$str string

Markdown::_li (\$str)

protected

Process ordered/unordered list

Returns

string

Parameters

\$str string

Markdown::_p (\$str)

protected

Process paragraph

Returns

string

Parameters

\$str string

Markdown::_pre (\$str)

protected

Process whitespace-prefixed code block

Returns

string

Parameters

\$str string

Markdown::_raw (\$str)

protected

Ignore raw HTML

Returns

string

Parameters

\$str string

Markdown::_setext (\$str, \$type)

protected

Process setext-style heading

Returns

string

Parameters

\$str string

\$type string

Markdown::_text (\$str)

protected

Process strong/em/strikethrough spans

Returns
string

Parameters
\$str string

Markdown::build (\$str)

protected

Assemble blocks

Returns
string

Parameters
\$str string

Markdown::convert (\$txt)

Render HTML equivalent of markdown

Returns
string

Parameters
\$txt string

Markdown::esc (\$str)

Convert characters to HTML entities

Returns
string

Parameters
\$str string

Markdown::scan (\$str)

Scan line for convertible spans

Returns

string

Parameters

\$str string

Markdown::snip (\$str)

protected

Reduce multiple line feeds

Returns

string

Parameters

\$str string

The documentation for this class was generated from the following file:

- markdown.php

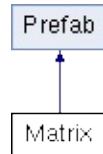
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Matrix Class Reference

Generic array utilities. [More...](#)

Inheritance diagram for Matrix:



Public Member Functions

pick (array \$var, \$col)

transpose (array &\$var)

sort (array &\$var, \$col, \$order=SORT_ASC)

changekey (array &\$var, \$old, \$new)

calendar (\$date='now', \$first=0)

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Generic array utilities.

Member Function Documentation

```
Matrix::calendar( $date = 'now',
                  $first = 0
                )
```

Return month calendar of specified date, with optional setting for first day of week (0 for Sunday)

Returns
array

Parameters

\$date string
\$first int

```
Matrix::changekey( array & $var,
                   $old,
                   $new
                 )
```

Change the key of a two-dimensional array element

Returns
NULL

Parameters

\$var array
\$old string
\$new string

```
Matrix::pick( array $var,
              $col
```

)

Retrieve values from a specified column of a multi-dimensional array variable

Returns

array

Parameters

\$var array

\$col mixed

```
Matrix::sort ( array & $var,  
               $col,  
               $order = SORT_ASC  
)
```

Sort a multi-dimensional array variable on a specified column

Returns

bool

Parameters

\$var array

\$col mixed

\$order int

Matrix::transpose (array & \$var)

Rotate a two-dimensional array variable

Returns

NULL

Parameters

\$var array

The documentation for this class was generated from the following file:

- matrix.php

Generated on Mon Aug 19 2013 21:27:50 for Fat-Free Framework by  doxygen 1.8.4

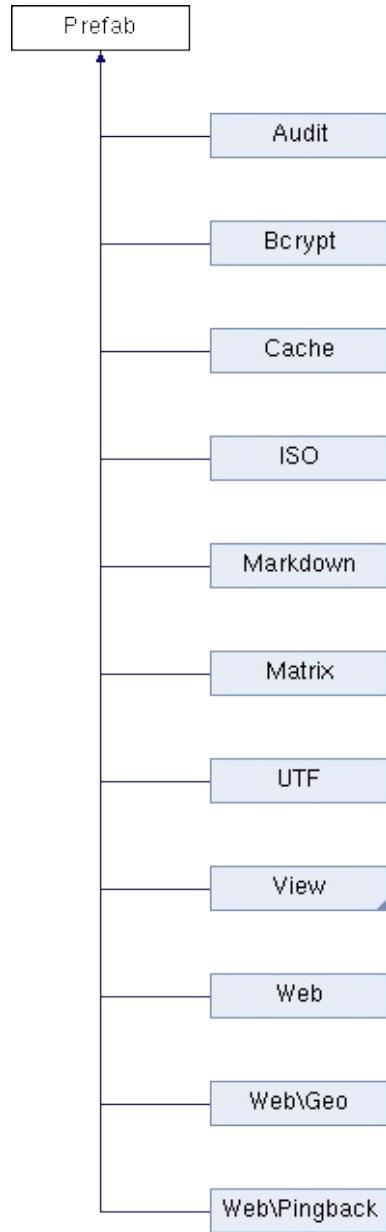
Fat-Free Framework 3.1.0 API Reference

Prefab Class Reference

[Static Public Member Functions](#) |
[List of all members](#)

Prefab for classes with constructors and static factory methods. [More...](#)

Inheritance diagram for Prefab:



Static Public Member Functions

static **instance** ()

Detailed Description

Prefab for classes with constructors and static factory methods.

Member Function Documentation

static Prefab::instance ()

static

Return class instance

Returns
object

The documentation for this class was generated from the following file:

- base.php

Generated on Mon Aug 19 2013 21:27:50 for Fat-Free Framework by [doxygen](#) 1.8.4

Fat-Free Framework 3.1.0 API Reference

Registry Class Reference

[Static Public Member Functions](#) |
[List of all members](#)

Container for singular object instances. [More...](#)

Static Public Member Functions

static **exists** (\$key)

static **set** (\$key, \$obj)

static **get** (\$key)

static **clear** (\$key)

Detailed Description

Container for singular object instances.

Member Function Documentation

static Registry::clear(\$key)

static

Delete object from catalog

Returns

NULL

Parameters

\$key string

static Registry::exists(\$key)

static

Return TRUE if object exists in catalog

Returns

bool

Parameters

\$key string

static Registry::get(\$key)

static

Retrieve object from catalog

Returns

object

Parameters

\$key string

static Registry::set(\$key,

\$obj
)

static

Add object to catalog

Returns

object

Parameters

\$key string

\$obj object

The documentation for this class was generated from the following file:

- base.php

Generated on Mon Aug 19 2013 21:27:51 for Fat-Free Framework by [doxygen](#) 1.8.4

Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Session Class Reference

Cache-based session handler. [More...](#)

Public Member Functions

open (\$path, \$name)

close ()

read (\$id)

write (\$id, \$data)

destroy (\$id)

cleanup (\$max)

ip (\$id=NULL)

stamp (\$id=NULL)

agent (\$id=NULL)

__construct ()

Detailed Description

Cache-based session handler.

Constructor & Destructor Documentation

Session::__construct()

Instantiate class

Returns
object

Member Function Documentation

Session::agent (\$id = NULL)

Return HTTP user agent associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

Session::cleanup (\$max)

Garbage collector

Returns

TRUE

Parameters

\$max int

Session::close ()

Close session

Returns

TRUE

Session::destroy (\$id)

Destroy session

Returns
TRUE

Parameters
\$id string

Session::ip (\$id = NULL)

Return IP address associated with specified session ID

Returns
string|FALSE

Parameters
\$id string

Session::open (\$path, \$name)

Open session

Returns
TRUE

Parameters
\$path string
\$name string

Session::read (\$id)

Return session data in serialized format

Returns
string|FALSE

Parameters

\$id string

Session::stamp (\$id = NULL)

Return Unix timestamp associated with specified session ID

Returns

string|FALSE

Parameters

\$id string

Session::write (\$id, \$data)

Write session data

Returns

TRUE

Parameters

\$id string
\$data string

The documentation for this class was generated from the following file:

- session.php

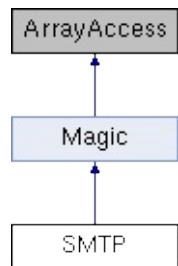
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[List of all members](#)

SMTP Class Reference

SMTP plug-in. [More...](#)

Inheritance diagram for SMTP:



Public Member Functions

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

log ()

attach (\$file)

send (\$message)

__construct (\$host, \$port, \$scheme, \$user, \$pw)

‣ Public Member Functions inherited from **Magic**

exists (\$key)

set (\$key, \$val)

get (\$key)

clear (\$key)

offsetexists (\$key)

__isset (\$key)

offsetset (\$key, \$val)

__set (\$key, \$val)

offsetget (\$key)

__get (\$key)

offsetunset (\$key)

__unset (\$key)

Public Attributes

\$attachments

E-mail attachments.

\$host

SMTP host.

\$port

SMTP port.

\$scheme

TLS/SSL.

\$user

User ID.

\$pw

Password.

\$socket

TCP/IP socket.

\$log

Server-client conversation.

```
const E_Header ='%s: header is required'
```

```
const E_Bank ='Message must not be blank'
```

```
const E_Attach ='Attachment %s not found'
```

Protected Member Functions

fixheader (\$key)

dialog (\$cmd=NULL, \$log=FALSE)

Detailed Description

SMTP plug-in.

Constructor & Destructor Documentation

```
SMTP::__construct( $host,  
                   $port,  
                   $scheme,  
                   $user,  
                   $pw  
)
```

Instantiate class

Parameters

\$host	string
\$port	int
\$scheme	string
\$user	string
\$pw	string

Member Function Documentation

SMTP::attach (\$file)

Add e-mail attachment

Returns

NULL

Parameters

\$file

SMTP::clear (\$key)

Remove header

Returns

NULL

Parameters

\$key string

SMTP::dialog (\$cmd = NULL, \$log = FALSE)

protected

Send SMTP command and record server response

Returns

NULL

Parameters

\$cmd string

\$log bool

SMTP::exists (\$key)

Return TRUE if header exists

Returns
bool

Parameters
\$key

SMTP::fixheader (\$key)

protected

Fix header

Returns
string

Parameters
\$key string

SMTP::get (\$key)

Return value of e-mail header

Returns
string|NULL

Parameters
\$key string

SMTP::log ()

Return client-server conversation history

Returns

string

SMTP::send (\$message)

Transmit message

Returns

bool

Parameters

\$message string

SMTP::set (\$key, \$val)

Bind value to e-mail header

Returns

string

Parameters

\$key string

\$val string

The documentation for this class was generated from the following file:

- smtp.php
-

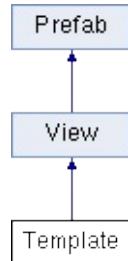
Fat-Free Framework 3.1.0 API Reference

Template Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[Protected Attributes](#) | [List of all members](#)

Template engine. [More...](#)

Inheritance diagram for Template:



Public Member Functions

token (\$str)

extend (\$tag, \$func)

_call (\$func, array \$args)

render (\$file, \$mime='text/html', array \$hive=NULL)

▶ **Public Member Functions inherited from [View](#)**

render (\$file, \$mime='text/html', array \$hive=NULL)

Public Attributes

\$tags

Template tags.

\$custom =array()

Custom tag handlers.

```
const E_Method ='Call to undefined method %s()'
```

► **Public Attributes inherited from View**

\$hive

Local hive.

Protected Member Functions

`_set (array $node)`

`_include (array $node)`

`_exclude ()`

`_ignore (array $node)`

`_loop (array $node)`

`_repeat (array $node)`

`_check (array $node)`

`_true (array $node)`

`_false (array $node)`

`_switch (array $node)`

`_case (array $node)`

`_default (array $node)`

`build ($node)`

▶ Protected Member Functions inherited from [View sandbox \(\)](#)

Protected Attributes

\$mime

MIME type.

▶ Protected Attributes inherited from [View](#)

\$view

Template file.

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Template engine.

Member Function Documentation

```
Template::__call (      $func,  
                      array $args  
                )
```

Call custom tag handler

Returns
string|FALSE

Parameters
\$func callback
\$args array

Template::__case (array \$node)

protected

Template -case- tag handler

Returns
string

Parameters
\$node array

Template::__check (array \$node)

protected

Template -check- tag handler

Returns
string

Parameters
\$node array

Template::_default (array \$node)

protected

Template -default- tag handler

Returns

string

Parameters

\$node array

Template::_exclude ()

protected

Template -exclude- tag handler

Returns

string

Template::_false (array \$node)

protected

Template -false- tag handler

Returns

string

Parameters

\$node array

Template::_ignore (array \$node)

protected

Template -ignore- tag handler

Returns

string

Parameters

\$node array

Template::_include (array \$node)

protected

Template -include- tag handler

Returns

string

Parameters

\$node array

Template::_loop (array \$node)

protected

Template -loop- tag handler

Returns

string

Parameters

\$node array

Template::_repeat (array \$node)

protected

Template -repeat- tag handler

Returns

string

Parameters

\$node array

Template::_set (array \$node)

protected

Template -set- tag handler

Returns

string

Parameters

\$node array

Template::_switch (array \$node)

protected

Template -switch- tag handler

Returns

string

Parameters

\$node array

Template::_true (array \$node)

protected

Template -true- tag handler

Returns

string

Parameters

\$node array

Template::build (\$node)

protected

Assemble markup

Returns

string

Parameters

\$node array|string

Template::extend (\$tag,

```
$func  
)
```

Extend template with custom tag

Returns

NULL

Parameters

```
$tag string  
$func callback
```

```
Template::render (      $file,  
                      $mime = 'text/html',  
                      array $hive = NULL  
                )
```

Render template

Returns

string

Parameters

```
$file string  
$mime string  
$hive array
```

```
Template::token ( $str)
```

Convert token to variable

Returns

string

Parameters

```
$str string
```

The documentation for this class was generated from the following file:

- [template.php](#)

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Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

Test Class Reference

Unit test kit. [More...](#)

Public Member Functions

results ()

expect (\$cond, \$text=NULL)

message (\$text)

__construct (\$level=self::FLAG_Both)

Public Attributes

```
const FLAG_False =0
```

```
const FLAG_True =1
```

```
const FLAG_Both =2
```

Detailed Description

Unit test kit.

Constructor & Destructor Documentation

Test::__construct (\$level = self::FLAG_Both)

Class constructor

Returns

NULL

Parameters

\$level int

Member Function Documentation

```
Test::expect( $cond,  
              $text = NULL  
            )
```

Evaluate condition and save test result

Returns
NULL

Parameters

\$cond bool
\$text string

Test::message (\$text)

Append message to test results

Returns
NULL

Parameters

\$text string

Test::results ()

Return test results

Returns
array

The documentation for this class was generated from the following file:

- test.php
-

Generated on Mon Aug 19 2013 21:27:52 for Fat-Free Framework by [doxygen](#) 1.8.4

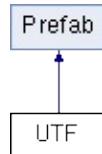
Fat-Free Framework 3.1.0 API Reference

[Public Member Functions](#) | [List of all members](#)

UTF Class Reference

Unicode string manager. [More...](#)

Inheritance diagram for UTF:



Public Member Functions

stripos (\$stack, \$needle, \$ofs=0)

strlen (\$str)

strpos (\$stack, \$needle, \$ofs=0, \$case=FALSE)

strripos (\$stack, \$needle, \$ofs=0)

strrpos (\$stack, \$needle, \$ofs=0, \$case=FALSE)

stristr (\$stack, \$needle, \$before=FALSE)

strrstr (\$stack, \$needle, \$before=FALSE, \$case=FALSE)

substr (\$str, \$start, \$len=0)

substr_count (\$stack, \$needle)

ltrim (\$str)

rtrim (\$str)

trim (\$str)

bom ()

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Unicode string manager.

Member Function Documentation

UTF::bom ()

Return UTF-8 byte order mark

Returns
string

UTF::ltrim (\$str)

Strip whitespaces from the beginning of a string

Returns
string

Parameters
\$str string

UTF::rtrim (\$str)

Strip whitespaces from the end of a string

Returns
string

Parameters
\$str string

UTF::stripos (\$stack, \$needle, \$ofs = 0)

Find position of first occurrence of a string (case-insensitive)

Returns

int|FALSE

Parameters

\$stack string

\$needle string

\$ofs int

**UTF::stristr (\$stack,
 \$needle,
 \$before = FALSE
)**

Returns part of haystack string from the first occurrence of needle to the end of haystack (case-insensitive)

Returns

string|FALSE

Parameters

\$stack string

\$needle string

\$before bool

UTF::strlen (\$str)

Get string length

Returns

int

Parameters

\$str string

```
UTF::strpos ( $stack,  
             $needle,  
             $ofs = 0,  
             $case = FALSE  
)
```

Find position of first occurrence of a string

Returns

int|FALSE

Parameters

\$stack string
\$needle string
\$ofs int
\$case bool

```
UTF::strripos ( $stack,  
                 $needle,  
                 $ofs = 0  
)
```

Finds position of last occurrence of a string (case-insensitive)

Returns

int|FALSE

Parameters

\$stack string
\$needle string
\$ofs int

```
UTF::strrpos ( $stack,  
                 $needle,  
                 $ofs = 0,  
                 $case = FALSE
```

)

Find position of last occurrence of a string

Returns

int|FALSE

Parameters

\$stack string

\$needle string

\$ofs int

\$case bool

```
UTF::strstr ( $stack,  
              $needle,  
              $before = FALSE,  
              $case = FALSE  
)
```

Returns part of haystack string from the first occurrence of needle to the end of haystack

Returns

string|FALSE

Parameters

\$stack string

\$needle string

\$before bool

\$case bool

```
UTF::substr ( $str,  
              $start,  
              $len = 0  
)
```

Return part of a string

Returns

string|FALSE

Parameters

\$str string

\$start int

\$len int

**UTF::substr_count(\$stack,
\$needle
)**

Count the number of substring occurrences

Returns

int

Parameters

\$stack string

\$needle string

UTF::trim(\$str)

Strip whitespaces from the beginning and end of a string

Returns

string

Parameters

\$str string

The documentation for this class was generated from the following file:

- utf.php

Generated on Mon Aug 19 2013 21:27:52 for Fat-Free Framework by **doxygen** 1.8.4

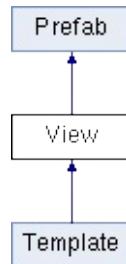
Fat-Free Framework 3.1.0 API Reference

View Class Reference

[Public Member Functions](#) | [Public Attributes](#) |
[Protected Member Functions](#) |
[Protected Attributes](#) | [List of all members](#)

View handler. [More...](#)

Inheritance diagram for View:



Public Member Functions

render (\$file, \$mime='text/html', array \$hive=NULL)

Public Attributes

\$hive

Local hive.

Protected Member Functions

sandbox ()

Protected Attributes

\$view

Template file.

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

[View handler.](#)

Member Function Documentation

```
View::render (      $file,  
                      $mime = 'text/html',  
                      array $hive = NULL  
)
```

Render template

Returns

string

Parameters

\$file string

\$mime string

\$hive array

View::sandbox ()

protected

Create sandbox for template execution

Returns

string

The documentation for this class was generated from the following file:

- base.php

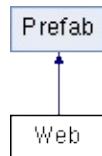
Fat-Free Framework 3.1.0 API Reference

Web Class Reference

[Public Member Functions](#) |
[Protected Member Functions](#) |
[List of all members](#)

Wrapper for various HTTP utilities. More...

Inheritance diagram for Web:



Public Member Functions

mime (\$file)

acceptable (\$list=NULL)

send (\$file, \$**mime**=NULL, \$kbps=0, \$force=TRUE)

receive (\$func=NULL, \$overwrite=FALSE, \$**slug**=TRUE)

progress (\$id)

engine (\$arg='curl')

subst (array &\$old, \$new)

request (\$url, array \$options=NULL)

minify (\$files, \$**mime**=NULL, \$header=TRUE, \$path="")

rss (\$url, \$max=10, \$tags=NULL)

whois (\$addr, \$server='whois.internic.net')

slug (\$text)

filler (\$count=1, \$max=20, \$std=TRUE)

Public Attributes

```
const E_Request ='No suitable HTTP request engine found'
```

Protected Member Functions

_curl (\$url, \$options)

_stream (\$url, \$options)

_socket (\$url, \$options)

Additional Inherited Members

- ▶ **Static Public Member Functions inherited from Prefab**

```
static instance ()
```

Detailed Description

Wrapper for various HTTP utilities.

Member Function Documentation

```
Web::__curl( $url,  
              $options  
            )
```

protected

HTTP request via cURL

Returns
array

Parameters

\$url string
\$options array

```
Web::__socket( $url,  
                $options  
              )
```

protected

HTTP request via low-level TCP/IP socket

Returns
array

Parameters

\$url string
\$options array

```
Web::__stream( $url,  
                $options  
              )
```

protected

HTTP request via PHP stream wrapper

Returns
array

Parameters

\$url string
\$options array

Web::acceptable (\$list = NULL)

Return the MIME types stated in the HTTP Accept header as an array; If a list of MIME types is specified, return the best match; or FALSE if none found

Returns
array|string|FALSE

Parameters

\$list string|array

Web::engine (\$arg = 'curl')

Specify the HTTP request engine to use; If not available, fall back to an applicable substitute

Returns
string

Parameters

\$arg string

Web::filler (\$count = 1, \$max = 20, \$std = TRUE)

Return chunk of text from standard Lorem Ipsum passage

Returns
string

Parameters

\$count int
\$max int
\$std bool

Web::mime (\$file)

Detect MIME type using file extension

Returns
string

Parameters

\$file string

Web::minify (\$files, \$mime = NULL, \$header = TRUE, \$path = '')

Strip Javascript/CSS files of extraneous whitespaces and comments;
Return combined output as a minified string

Returns
string

Parameters

\$files string|array
\$mime string
\$header bool
\$path string

Web::progress (\$id)

Return upload progress in bytes, FALSE on failure

Returns

int|FALSE

Parameters

\$id string

**Web::receive (\$func = NULL,
\$overwrite = FALSE,
\$slug = TRUE
)**

Receive file(s) from HTTP client

Returns

array|bool

Parameters

\$func callback

\$overwrite bool

\$slug bool

**Web::request (\$url,
array \$options = NULL
)**

Submit HTTP request; Use HTTP context options (described in <http://www.php.net/manual/en/context.http.php>) if specified; Cache the page as instructed by remote server

Returns

array|FALSE

Parameters

\$url string
\$options array

Web::rss (**\$url,**
 \$max = 10,
 \$tags = NULL
)

Retrieve RSS feed and return as an array

Returns
array|FALSE

Parameters

\$url string
\$max int
\$tags string

Web::send (**\$file,**
 \$mime = NULL,
 \$kbps = 0,
 \$force = TRUE
)

Transmit file to HTTP client; Return file size if successful, FALSE otherwise

Returns
int|FALSE

Parameters

\$file string
\$mime string
\$kbps int
\$force bool

Web::slug (\$text)

Return a URL/filesystem-friendly version of string

Returns
string

Parameters
\$text string

Web::subst (array & \$old, \$new)

Replace old headers with new elements

Returns
NULL

Parameters
\$old array
\$new string|array

Web::whois (\$addr, \$server = 'whois.internic.net')

Retrieve information from whois server

Returns
string|FALSE

Parameters
\$addr string
\$server string

The documentation for this class was generated from the following file:

- [web.php](#)

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Fat-Free Framework 3.1.0 API Reference

Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

[detail level [1](#) [2](#) [3](#) [4](#) [5](#)]

▼  ArrayAccess	
▼  Magic	PHP magic wrapper
▼  DB\Cursor	Simple cursor implementation
▼  DB\Jig\Mapper	Flat-file DB mapper
 DB\Jig\Session	Jig-managed session handler
▼  DB\Mongo\Mapper	MongoDB mapper
 DB\Mongo\Session	MongoDB-managed session handler
▼  DB\SQL\Mapper	SQL data mapper
 DB\SQL\Session	SQL-managed session handler
 SMTP	SMTP plug-in
 Web\OpenID	OpenID consumer
 Auth	Authorization/authentication plug-in
 Base	Base structure
 Basket	Session-based pseudo-mapper
 F3	Legacy mode enabler
 Image	Image manipulation tools
 DB\Jig	Flat-file DB wrapper
 Log	Custom logger
▼  MongoDB	
 DB\Mongo	MongoDB wrapper
▼  PDO	
 DB\SQL	PDO wrapper
▼  Prefab	Prefab for classes with constructors and static factory methods
 Audit	Data validator
 Bcrypt	Lightweight password hashing library
 Cache	Cache engine
 ISO	ISO language/country codes
 Markdown	Markdown-to-HTML converter

C Matrix	Generic array utilities
C UTF	Unicode string manager
▼ C View	View handler
C Template	Template engine
C Web	Wrapper for various HTTP utilities
C Web\Geo	Geo plug-in
C Web\Pingback	Pingback 1.0 protocol (client and server) implementation
C Registry	Container for singular object instances
C Session	Cache-based session handler
C Test	Unit test kit

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Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- \$ -

- `$_id` : [DB\SQL\Mapper](#)
- `$adhoc` : [DB\SQL\Mapper](#)
- `$args` : [Web\OpenID](#) , [Auth](#)
- `$attachments` : [SMTP](#)
- `$blocks` : [Markdown](#)
- `$collection` : [DB\Mongo\Mapper](#)
- `$count` : [Image](#)
- `$custom` : [Template](#)
- `$data` : [Image](#)
- `$db` : [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#)
- `$dbname` : [DB\SQL](#)
- `$dir` : [DB\Jig](#)
- `$document` : [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#)
- `$dsn` : [Cache](#)
- `$engine` : [DB\SQL\Mapper](#)
- `$fallback` : [Base](#)
- `$fields` : [DB\SQL\Mapper](#)
- `$file` : [DB\Jig\Mapper](#) , [Log](#)
- `$flag` : [Image](#)
- `$format` : [DB\Jig](#)
- `$fw` : [F3](#)
- `$hive` : [View](#)
- `$host` : [SMTP](#)
- `$id` : [Basket](#) , [DB\Jig\Mapper](#)
- `$init` : [Base](#)
- `$item` : [Basket](#)
- `$key` : [Basket](#)
- `$languages` : [Base](#)
- `$locales` : [Base](#)
- `$log` : [DB\Jig](#) , [DB\SQL](#) , [SMTP](#)
- `$mapper` : [Auth](#)
- `$mime` : [Template](#)
- `$null` : [Base](#)

- \$port : **SMTP**
 - \$prefix : **Cache**
 - \$ptr : **DB\Cursor**
 - \$pw : **SMTP**
 - \$query : **DB\Cursor**
 - \$ref : **Cache**
 - \$rows : **DB\SQL**
 - \$scheme : **SMTP**
 - \$socket : **SMTP**
 - \$special : **Markdown**
 - \$table : **DB\SQL\Mapper**
 - \$tags : **Template**
 - \$trans : **DB\SQL**
 - \$url : **Web\OpenID**
 - \$user : **SMTP**
 - \$view : **View**
-

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Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- - -

- `__call()` : [Template](#)
- `__callstatic()` : [F3](#)
- `__construct()` : [Cache](#) , [DB\Jig](#) , [Log](#) , [Session](#) ,
[DB\Mongo\Mapper](#) , [SMTP](#) , [Test](#) , [Basket](#) , [DB\Mongo\Session](#) ,
[Web\Pingback](#) , [DB\Mongo](#) , [Auth](#) , [DB\Jig\Mapper](#) ,
[DB\SQL\Mapper](#) , [DB\SQL\Session](#) , [DB\Jig\Session](#) , [DB\SQL](#) ,
[Image](#)
- `__destruct()` : [Image](#)
- `__get()` : [Magic](#)
- `__isset()` : [Magic](#)
- `__set()` : [Magic](#)
- `__unset()` : [Magic](#)
- `_a()` : [Markdown](#)
- `_atx()` : [Markdown](#)
- `_auto()` : [Markdown](#)
- `_blockquote()` : [Markdown](#)
- `_case()` : [Template](#)
- `_check()` : [Template](#)
- `_code()` : [Markdown](#)
- `_curl()` : [Web](#)
- `_default()` : [Template](#)
- `_exclude()` : [Template](#)
- `_false()` : [Template](#)
- `_fence()` : [Markdown](#)
- `_hr()` : [Markdown](#)
- `_ignore()` : [Template](#)
- `_img()` : [Markdown](#)
- `_include()` : [Template](#)
- `_jig()` : [Auth](#)
- `_ldap()` : [Auth](#)
- `_li()` : [Markdown](#)
- `_loop()` : [Template](#)
- `_mongo()` : [Auth](#)

- `_p()` : **Markdown**
 - `_pre()` : **Markdown**
 - `_raw()` : **Markdown**
 - `_repeat()` : **Template**
 - `_set()` : **Template**
 - `_setext()` : **Markdown**
 - `_smtp()` : **Auth**
 - `_socket()` : **Web**
 - `_sql()` : **Auth**
 - `_stream()` : **Web**
 - `_switch()` : **Template**
 - `_text()` : **Markdown**
 - `_true()` : **Template**
-

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Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- a -

- acceptable() : [Web](#)
- agent() : [DB\Jig\Session](#) , [DB\SQL\Session](#) , [Session](#) , [DB\Mongo\Session](#)
- attach() : [SMTP](#)
- auth() : [Web\OpenID](#)
- autoload() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- b -

- base64() : [Base](#)
- basic() : [Auth](#)
- begin() : [DB\SQL](#)
- blacklisted() : [Base](#)
- blur() : [Image](#)
- bom() : [UTF](#)
- brightness() : [Image](#)
- build() : [Markdown](#) , [Template](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- C -

- calendar() : [Matrix](#)
- call() : [Base](#)
- camelcase() : [Base](#)
- captcha() : [Image](#)
- card() : [Audit](#)
- cast() : [DB\SQL\Mapper](#) , [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#)
- chain() : [Base](#)
- changekey() : [Matrix](#)
- checkout() : [Basket](#)
- cleanup() : [DB\Jig\Session](#) , [DB\Mongo\Session](#) ,
[DB\SQL\Session](#) , [Session](#)
- clear() : [Base](#) , [Cache](#) , [Registry](#) , [Basket](#) , [DB\Jig\Mapper](#) ,
[DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Magic](#) , [SMTP](#) ,
[Web\OpenID](#)
- close() : [DB\Jig\Session](#) , [DB\Mongo\Session](#) , [DB\SQL\Session](#) ,
[Session](#)
- commit() : [DB\SQL](#)
- concat() : [Base](#)
- config() : [Base](#)
- constants() : [ISO](#)
- contrast() : [Image](#)
- convert() : [Markdown](#)
- copy() : [Base](#)
- copyfrom() : [DB\Mongo\Mapper](#) , [Basket](#) , [DB\Jig\Mapper](#) ,
[DB\SQL\Mapper](#)
- copyto() : [DB\Jig\Mapper](#) , [DB\SQL\Mapper](#) , [DB\Mongo\Mapper](#) ,
[Basket](#)
- count() : [DB\SQL](#) , [DB\Jig\Mapper](#) , [Basket](#) , [DB\Mongo\Mapper](#) ,
[DB\SQL\Mapper](#)
- countries() : [ISO](#)
- crop() : [Image](#)
- CSS : [Base](#)
- csv() : [Base](#)

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Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- d -

- decode() : [Base](#)
- destroy() : [DB\Jig\Session](#) , [DB\SQL\Session](#) , [Session](#) , [DB\Mongo\Session](#)
- dialog() : [SMTP](#)
- discover() : [Web\OpenID](#)
- driver() : [DB\SQL](#)
- drop() : [Basket](#) , [DB\Jig](#) , [DB\Mongo](#)
- dry() : [DB\Cursor](#) , [Basket](#)
- dump() : [Base](#) , [Image](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- e -

- email() : [Audit](#)
- emboss() : [Image](#)
- enabled() : [Web\Pingback](#)
- encode() : [Base](#)
- engine() : [Web](#)
- entropy() : [Audit](#)
- erase() : [DB\Cursor](#) , [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Log](#) , [Basket](#)
- error() : [Base](#)
- esc() : [Base](#) , [Markdown](#)
- exec() : [DB\SQL](#)
- exists() : [DB\Jig\Mapper](#) , [SMTP](#) , [Base](#) , [DB\SQL\Mapper](#) , [Basket](#) , [Web\OpenID](#) , [DB\Mongo\Mapper](#) , [Cache](#) , [Magic](#) , [Registry](#)
- expect() : [Test](#)
- expire() : [Base](#)
- extend() : [Template](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- f -

- factory() : [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#)
- filler() : [Web](#)
- find() : [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Basket](#) , [DB\Cursor](#) , [DB\Jig\Mapper](#)
- findone() : [DB\Cursor](#)
- first() : [DB\Cursor](#)
- fixheader() : [SMTP](#)
- fixslashes() : [Base](#)
- flip() : [Base](#)
- format() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- g -

- `get()` : [Base](#) , [Cache](#) , [Basket](#) , [Web\OpenID](#) , [Magic](#) , [SMTP](#) ,
[DB\SQL\Mapper](#) , [DB\Mongo\Mapper](#) , [DB\Jig\Mapper](#) , [Registry](#)
- `GLOBALS` : [Base](#)
- `grayscale()` : [Image](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- h -

- hash() : [Base](#) , [Bcrypt](#)
- height() : [Image](#)
- hflip() : [Image](#)
- highlight() : [Base](#)
- hive() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- i -

- identicon() : [Image](#)
- insert() : [DB\Cursor](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [DB\Jig\Mapper](#)
- inspect() : [Web\Pingback](#)
- instance() : [Prefab](#) , [Base](#)
- invert() : [Image](#)
- ip() : [DB\Jig\Session](#) , [DB\Mongo\Session](#) , [DB\SQL\Session](#) , [Session](#)
- ipv4() : [Audit](#)
- ipv6() : [Audit](#)
- isbot() : [Audit](#)
- isdesktop() : [Audit](#)
- ismobile() : [Audit](#)
- isprivate() : [Audit](#)
- ispublic() : [Audit](#)
- isreserved() : [Audit](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- j -

- `jot()` : [DB\Jig](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- I -

- language() : [Base](#)
- languages() : [ISO](#)
- last() : [DB\Cursor](#)
- lexicon() : [Base](#)
- listen() : [Web\Pingback](#)
- load() : [DB\Cursor](#) , [Cache](#) , [Basket](#)
- location() : [Web\Geo](#)
- log() : [SMTP](#) , [DB\Mongo](#) , [DB\SQL](#) , [Web\Pingback](#) , [DB\Jig](#)
- login() : [Auth](#)
- ltrim() : [UTF](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- m -

- map() : [Base](#)
- message() : [Test](#)
- mime() : [Web](#)
- minify() : [Web](#)
- mock() : [Base](#)
- mod10() : [Audit](#)
- MODE : [Base](#)
- mset() : [Base](#)
- mutex() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- n -

- name() : [DB\SQL](#)
- next() : [DB\Cursor](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- O -

- offsetexists() : [Magic](#)
- offsetget() : [Magic](#)
- offsetset() : [Magic](#)
- offsetunset() : [Magic](#)
- open() : [DB\SQL\Session](#) , [DB\Jig\Session](#) , [Session](#) , [DB\Mongo\Session](#)
- overlay() : [Image](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- p -

- paginate() : [DB\Cursor](#)
- pick() : [Matrix](#)
- pixelate() : [Image](#)
- pop() : [Base](#)
- prev() : [DB\Cursor](#)
- progress() : [Web](#)
- push() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- q -

- quote() : [DB\SQL](#)
- quotekey() : [DB\SQL](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- r -

- raw() : [Base](#)
- read() : [Base](#) , [DB\Jig](#) , [DB\Mongo\Session](#) , [DB\Jig\Session](#) , [DB\SQL\Session](#) , [Session](#)
- receive() : [Web](#)
- ref() : [Base](#)
- relay() : [Base](#)
- render() : [View](#) , [Image](#) , [Template](#)
- request() : [Web](#)
- reroute() : [Base](#)
- reset() : [Cache](#) , [Basket](#) , [DB\Cursor](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [DB\Jig\Mapper](#)
- resize() : [Image](#)
- restore() : [Image](#)
- results() : [Test](#)
- rgb() : [Image](#)
- rollback() : [DB\SQL](#)
- rotate() : [Image](#)
- route() : [Base](#)
- rss() : [Web](#)
- rtrim() : [UTF](#)
- run() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- S -

- sandbox() : [View](#)
- save() : [Basket](#) , [Image](#) , [DB\Cursor](#)
- scan() : [Markdown](#)
- schema() : [DB\SQL\Mapper](#) , [DB\SQL](#)
- scrub() : [Base](#)
- select() : [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#)
- send() : [SMTP](#) , [Web](#)
- sepia() : [Image](#)
- serialize() : [Base](#)
- set() : [Cache](#) , [Registry](#) , [Basket](#) , [DB\Jig\Mapper](#) ,
[DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Magic](#) , [SMTP](#) ,
[Web\OpenID](#) , [Base](#)
- shift() : [Base](#)
- sign() : [Base](#)
- sketch() : [Image](#)
- skip() : [DB\SQL\Mapper](#) , [DB\Cursor](#) , [DB\Jig\Mapper](#) ,
[DB\Mongo\Mapper](#)
- slug() : [Web](#)
- smooth() : [Image](#)
- snakecase() : [Base](#)
- snip() : [Markdown](#)
- sort() : [Matrix](#)
- split() : [Base](#)
- stamp() : [DB\Mongo\Session](#) , [Session](#) , [DB\Jig\Session](#) ,
[DB\SQL\Session](#)
- status() : [Base](#)
- stringify() : [Base](#)
- strpos() : [UTF](#)
- strstr() : [UTF](#)
- strlen() : [UTF](#)
- strpos() : [UTF](#)
- strrpos() : [UTF](#)
- strrpos() : [UTF](#)

- strstr() : **UTF**
 - subst() : **Web**
 - substr() : **UTF**
 - substr_count() : **UTF**
 - sync() : **Base**
-

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Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- t -

- token() : [DB\Jig\Mapper](#) , [Template](#)
- transpose() : [Matrix](#)
- trim() : [UTF](#)
- type() : [DB\SQL\Mapper](#) , [DB\SQL](#)
- tzinfo() : [Web\Geo](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- U -

- `undo()` : [Image](#)
- `unload()` : [Base](#)
- `unserialize()` : [Base](#)
- `unshift()` : [Base](#)
- `update()` : [DB\Mongo\Mapper](#) , [DB\Cursor](#) , [DB\SQL\Mapper](#) , [DB\Jig\Mapper](#)
- `url()` : [Audit](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- V -

- value() : [DB\SQL\Mapper](#)
- VERBS : [Base](#)
- verified() : [Web\OpenID](#)
- verify() : [Bcrypt](#)
- version() : [DB\SQL](#)
- vflip() : [Image](#)

Fat-Free Framework 3.1.0 API Reference

Here is a list of all documented class members with links to the class documentation for each member:

- W -

- weather() : [Web\Geo](#)
- whois() : [Web](#)
- width() : [Image](#)
- write() : [DB\SQL\Session](#) , [DB\Mongo\Session](#) , [DB\Jig](#) ,
[DB\Jig\Session](#) , [Base](#) , [Log](#) , [Session](#)

Fat-Free Framework 3.1.0 API Reference

- `__call()` : **Template**
- `__callstatic()` : **F3**
- `__construct()` : **Cache** , **DB\Jig** , **Log** , **Session** ,
DB\Mongo\Mapper , **SMTP** , **Test** , **Basket** , **DB\Mongo\Session** ,
Web\Pingback , **DB\Mongo** , **Auth** , **DB\Jig\Mapper** ,
DB\SQL\Mapper , **DB\SQL\Session** , **DB\Jig\Session** , **DB\SQL** ,
Image
- `__destruct()` : **Image**
- `__get()` : **Magic**
- `__isset()` : **Magic**
- `__set()` : **Magic**
- `__unset()` : **Magic**
- `_a()` : **Markdown**
- `_atx()` : **Markdown**
- `_auto()` : **Markdown**
- `_blockquote()` : **Markdown**
- `_case()` : **Template**
- `_check()` : **Template**
- `_code()` : **Markdown**
- `_curl()` : **Web**
- `_default()` : **Template**
- `_exclude()` : **Template**
- `_false()` : **Template**
- `_fence()` : **Markdown**
- `_hr()` : **Markdown**
- `_ignore()` : **Template**
- `_img()` : **Markdown**
- `_include()` : **Template**
- `_jig()` : **Auth**
- `_ldap()` : **Auth**
- `_li()` : **Markdown**
- `_loop()` : **Template**
- `_mongo()` : **Auth**
- `_p()` : **Markdown**

- `_pre()` : **Markdown**
 - `_raw()` : **Markdown**
 - `_repeat()` : **Template**
 - `_set()` : **Template**
 - `_settext()` : **Markdown**
 - `_smtp()` : **Auth**
 - `_socket()` : **Web**
 - `_sql()` : **Auth**
 - `_stream()` : **Web**
 - `_switch()` : **Template**
 - `_text()` : **Markdown**
 - `_true()` : **Template**
-

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Fat-Free Framework 3.1.0 API Reference

- a -

- acceptable() : [Web](#)
- agent() : [DB\JiglSession](#) , [DB\SQL\Session](#) , [Session](#) , [DB\Mongo\Session](#)
- attach() : [SMTP](#)
- auth() : [Web\OpenID](#)
- autoload() : [Base](#)

Fat-Free Framework 3.1.0 API Reference

- b -

- base64() : **Base**
- basic() : **Auth**
- begin() : **DBISQL**
- blacklisted() : **Base**
- blur() : **Image**
- bom() : **UTF**
- brightness() : **Image**
- build() : **Markdown** , **Template**

Fat-Free Framework 3.1.0 API Reference

- C -

- calendar() : **Matrix**
- call() : **Base**
- camelcase() : **Base**
- captcha() : **Image**
- card() : **Audit**
- cast() : **DB\SQL\Mapper** , **DB\Jig\Mapper** , **DB\Mongo\Mapper**
- chain() : **Base**
- changekey() : **Matrix**
- checkout() : **Basket**
- cleanup() : **DB\Jig\Session** , **DB\Mongo\Session** ,
DB\SQL\Session , **Session**
- clear() : **Base** , **Cache** , **Registry** , **Basket** , **DB\Jig\Mapper** ,
DB\Mongo\Mapper , **DB\SQL\Mapper** , **Magic** , **SMTP** ,
Web\OpenID
- close() : **DB\Jig\Session** , **DB\Mongo\Session** , **DB\SQL\Session** ,
Session
- commit() : **DB\SQL**
- concat() : **Base**
- config() : **Base**
- constants() : **ISO**
- contrast() : **Image**
- convert() : **Markdown**
- copy() : **Base**
- copyfrom() : **DB\Jig\Mapper** , **Basket** , **DB\SQL\Mapper** ,
DB\Mongo\Mapper
- copyto() : **DB\Mongo\Mapper** , **DB\Jig\Mapper** , **DB\SQL\Mapper** ,
Basket
- count() : **DB\Jig\Mapper** , **DB\SQL\Mapper** , **Basket** , **DB\SQL** ,
DB\Mongo\Mapper
- countries() : **ISO**
- crop() : **Image**
- csv() : **Base**

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Fat-Free Framework 3.1.0 API Reference

- d -

- decode() : **Base**
- destroy() : **DB\Jig\Session** , **DB\SQL\Session** , **Session** , **DB\Mongo\Session**
- dialog() : **SMTP**
- discover() : **Web\OpenID**
- driver() : **DB\SQL**
- drop() : **Basket** , **DB\Jig** , **DB\Mongo**
- dry() : **DB\Cursor** , **Basket**
- dump() : **Base** , **Image**

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Fat-Free Framework 3.1.0 API Reference

- e -

- email() : [Audit](#)
- emboss() : [Image](#)
- enabled() : [Web\Pingback](#)
- encode() : [Base](#)
- engine() : [Web](#)
- entropy() : [Audit](#)
- erase() : [DB\Cursor](#) , [DB\Jig\Mapper](#) , [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Log](#) , [Basket](#)
- error() : [Base](#)
- esc() : [Base](#) , [Markdown](#)
- exec() : [DB\SQL](#)
- exists() : [DB\Jig\Mapper](#) , [SMTP](#) , [Base](#) , [DB\SQL\Mapper](#) , [Basket](#) , [Web\OpenID](#) , [DB\Mongo\Mapper](#) , [Cache](#) , [Magic](#) , [Registry](#)
- expect() : [Test](#)
- expire() : [Base](#)
- extend() : [Template](#)

Fat-Free Framework 3.1.0 API Reference

- f -

- factory() : **DB\Jig\Mapper** , **DB\Mongo\Mapper** , **DB\SQL\Mapper**
- filler() : **Web**
- find() : **DB\Mongo\Mapper** , **DB\SQL\Mapper** , **Basket** , **DB\Cursor** , **DB\Jig\Mapper**
- findone() : **DB\Cursor**
- first() : **DB\Cursor**
- fixheader() : **SMTP**
- fixslashes() : **Base**
- flip() : **Base**
- format() : **Base**

Fat-Free Framework 3.1.0 API Reference

- g -

- `get()` : **Base** , **Cache** , **Web\OpenID** , **SMTP** , **Basket** ,
DB\SQL\Mapper , **DB\Mongo\Mapper** , **DB\Jig\Mapper** , **Magic** ,
Registry
- `grayscale()` : **Image**

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Fat-Free Framework 3.1.0 API Reference

- h -

- hash() : **Base** , **Bcrypt**
- height() : **Image**
- hflip() : **Image**
- highlight() : **Base**
- hive() : **Base**

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Fat-Free Framework 3.1.0 API Reference

- i -

- identicon() : **Image**
- insert() : **DB\Cursor** , **DB\Mongo\Mapper** , **DB\SQL\Mapper** , **DB\Jig\Mapper**
- inspect() : **Web\Pingback**
- instance() : **Prefab** , **Base**
- invert() : **Image**
- ip() : **DB\Jig\Session** , **DB\Mongo\Session** , **DB\SQL\Session** , **Session**
- ipv4() : **Audit**
- ipv6() : **Audit**
- isbot() : **Audit**
- isdesktop() : **Audit**
- ismobile() : **Audit**
- isprivate() : **Audit**
- ispublic() : **Audit**
- isreserved() : **Audit**

Fat-Free Framework 3.1.0 API Reference

- j -

- `jot()` : **DB\Jig**

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Fat-Free Framework 3.1.0 API Reference

- | -

- language() : **Base**
- languages() : **ISO**
- last() : **DB\Cursor**
- lexicon() : **Base**
- listen() : **Web\Pingback**
- load() : **DB\Cursor , Cache , Basket**
- location() : **Web\Geo**
- log() : **SMTP , DB\Mongo , DB\SQL , Web\Pingback , DB\Jig**
- login() : **Auth**
- ltrim() : **UTF**

Fat-Free Framework 3.1.0 API Reference

- m -

- map() : **Base**
- message() : **Test**
- mime() : **Web**
- minify() : **Web**
- mock() : **Base**
- mod10() : **Audit**
- mset() : **Base**
- mutex() : **Base**

Fat-Free Framework 3.1.0 API Reference

- n -

- name() : [DB\SQL](#)
- next() : [DB\Cursor](#)

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Fat-Free Framework 3.1.0 API Reference

- O -

- offsetexists() : **Magic**
- offsetget() : **Magic**
- offsetset() : **Magic**
- offsetunset() : **Magic**
- open() : **DB\SQL\Session** , **DB\Jig\Session** , **Session** ,
DB\Mongo\Session
- overlay() : **Image**

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Fat-Free Framework 3.1.0 API Reference

- p -

- paginate() : **DB\Cursor**
- pick() : **Matrix**
- pixelate() : **Image**
- pop() : **Base**
- prev() : **DB\Cursor**
- progress() : **Web**
- push() : **Base**

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Fat-Free Framework 3.1.0 API Reference

- q -

- quote() : [DB\SQL](#)
- quotekey() : [DB\SQL](#)

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Fat-Free Framework 3.1.0 API Reference

- r -

- raw() : **Base**
- read() : **Base** , **DB\Jig** , **DB\Mongo\Session** , **DB\Jig\Session** , **DB\SQL\Session** , **Session**
- receive() : **Web**
- ref() : **Base**
- relay() : **Base**
- render() : **View** , **Image** , **Template**
- request() : **Web**
- reroute() : **Base**
- reset() : **Cache** , **Basket** , **DB\Cursor** , **DB\Mongo\Mapper** , **DB\SQL\Mapper** , **DB\Jig\Mapper**
- resize() : **Image**
- restore() : **Image**
- results() : **Test**
- rgb() : **Image**
- rollback() : **DB\SQL**
- rotate() : **Image**
- route() : **Base**
- rss() : **Web**
- rtrim() : **UTF**
- run() : **Base**

Fat-Free Framework 3.1.0 API Reference

- S -

- sandbox() : [View](#)
- save() : [Basket](#) , [Image](#) , [DB\Cursor](#)
- scan() : [Markdown](#)
- schema() : [DB\SQL\Mapper](#) , [DB\SQL](#)
- scrub() : [Base](#)
- select() : [DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#)
- send() : [SMTP](#) , [Web](#)
- sepia() : [Image](#)
- serialize() : [Base](#)
- set() : [Cache](#) , [Registry](#) , [Basket](#) , [DB\Jig\Mapper](#) ,
[DB\Mongo\Mapper](#) , [DB\SQL\Mapper](#) , [Magic](#) , [SMTP](#) ,
[Web\OpenID](#) , [Base](#)
- shift() : [Base](#)
- sign() : [Base](#)
- sketch() : [Image](#)
- skip() : [DB\SQL\Mapper](#) , [DB\Cursor](#) , [DB\Jig\Mapper](#) ,
[DB\Mongo\Mapper](#)
- slug() : [Web](#)
- smooth() : [Image](#)
- snakecase() : [Base](#)
- snip() : [Markdown](#)
- sort() : [Matrix](#)
- split() : [Base](#)
- stamp() : [DB\Mongo\Session](#) , [Session](#) , [DB\Jig\Session](#) ,
[DB\SQL\Session](#)
- status() : [Base](#)
- stringify() : [Base](#)
- strpos() : [UTF](#)
- strstr() : [UTF](#)
- strlen() : [UTF](#)
- strpos() : [UTF](#)
- stripos() : [UTF](#)
- strrpos() : [UTF](#)
- strrpos() : [UTF](#)
- strstr() : [UTF](#)

- `subst()` : **Web**
 - `substr()` : **UTF**
 - `substr_count()` : **UTF**
 - `sync()` : **Base**
-

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Fat-Free Framework 3.1.0 API Reference

- t -

- token() : **DB\Jig\Mapper , Template**
- transpose() : **Matrix**
- trim() : **UTF**
- type() : **DB\SQL\Mapper , DB\SQL**
- tzinfo() : **Web\Geo**

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Fat-Free Framework 3.1.0 API Reference

- u -

- undo() : **Image**
- unload() : **Base**
- unserialize() : **Base**
- unshift() : **Base**
- update() : **DB\Mongo\Mapper** , **DB\Cursor** , **DB\SQL\Mapper** , **DB\Jig\Mapper**
- url() : **Audit**

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Fat-Free Framework 3.1.0 API Reference

- v -

- value() : **DB\SQL\Mapper**
- verified() : **Web\OpenID**
- verify() : **Bcrypt**
- version() : **DB\SQL**
- vflip() : **Image**

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Fat-Free Framework 3.1.0 API Reference

- W -

- weather() : [Web\Geo](#)
- whois() : [Web](#)
- width() : [Image](#)
- write() : [DB\SQL\Session](#) , [DB\Mongo\Session](#) , [DB\Jig](#) ,
[DB\Jig\Session](#) , [Base](#) , [Log](#) , [Session](#)

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Fat-Free Framework 3.1.0 API Reference

- \$ -

- `$_id` : **DB\SQL\Mapper**
- `$adhoc` : **DB\SQL\Mapper**
- `$args` : **Web\OpenID** , **Auth**
- `$attachments` : **SMTP**
- `$blocks` : **Markdown**
- `$collection` : **DB\Mongo\Mapper**
- `$count` : **Image**
- `$custom` : **Template**
- `$data` : **Image**
- `$db` : **DB\Jig\Mapper** , **DB\Mongo\Mapper** , **DB\SQL\Mapper**
- `$dbname` : **DB\SQL**
- `$dir` : **DB\Jig**
- `$document` : **DB\Jig\Mapper** , **DB\Mongo\Mapper**
- `$dsn` : **Cache**
- `$engine` : **DB\SQL\Mapper**
- `$fallback` : **Base**
- `$fields` : **DB\SQL\Mapper**
- `$file` : **DB\Jig\Mapper** , **Log**
- `$flag` : **Image**
- `$format` : **DB\Jig**
- `$fw` : **F3**
- `$hive` : **View**
- `$host` : **SMTP**
- `$id` : **Basket** , **DB\Jig\Mapper**
- `$init` : **Base**
- `$item` : **Basket**
- `$key` : **Basket**
- `$languages` : **Base**
- `$locales` : **Base**
- `$log` : **DB\Jig** , **DB\SQL** , **SMTP**
- `$mapper` : **Auth**
- `$mime` : **Template**
- `$null` : **Base**
- `$port` : **SMTP**

- \$prefix : **Cache**
- \$ptr : **DB\Cursor**
- \$pw : **SMTP**
- \$query : **DB\Cursor**
- \$ref : **Cache**
- \$rows : **DB\SQL**
- \$scheme : **SMTP**
- \$socket : **SMTP**
- \$special : **Markdown**
- \$table : **DB\SQL\Mapper**
- \$tags : **Template**
- \$trans : **DB\SQL**
- \$url : **Web\OpenID**
- \$user : **SMTP**
- \$view : **View**

- **C** -

- CSS : **Base**

- **g** -

- GLOBALS : **Base**

- **m** -

- MODE : **Base**

- **v** -

- VERBS : **Base**

Fat-Free Framework 3.1.0 API Reference

DB > Jig > Mapper >

DB\Jig\Mapper Member List

This is the complete list of members for **DB\Jig\Mapper**, including all inherited members.

\$db	DB\Jig
\$document	DB\Jig
\$file	DB\Jig
\$id	DB\Jig
\$ptr	DB\Cursor
\$query	DB\Cursor
__construct(\DB\Jig \$db, \$file)	DB\Jig
get(\$key)	Magic
isset(\$key)	Magic
set(\$key, \$val)	Magic
unset(\$key)	Magic
cast(\$obj=NULL)	DB\Jig
clear(\$key)	DB\Jig
copyfrom(\$key)	DB\Jig
copyto(\$key)	DB\Jig
count(\$filter=NULL, \$ttl=0)	DB\Jig
dry()	DB\Cursor
E_Field (defined in DB\Cursor)	DB\Cursor
erase(\$filter=NULL)	DB\Jig
DB::Cursor::erase()	DB\Cursor
exists(\$key)	DB\Jig
factory(\$id, \$row)	DB\Jig
find(\$filter=NULL, array \$options=NULL, \$ttl=0, \$log=TRUE)	DB\Jig
DB::Cursor::find(\$filter=NULL, array \$options=NULL)	DB\Cursor
findone(\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Cursor
first()	DB\Cursor
get(\$key)	DB\Jig

insert()	DB\Jig
last()	DB\Cu
load(\$filter=NULL, array \$options=NULL)	DB\Cu
next()	DB\Cu
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
paginate(\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DB\Cu
prev()	DB\Cu
reset()	DB\Jig
save()	DB\Cu
set(\$key, \$val)	DB\Jig
skip(\$ofs=1)	DB\Jig
token(\$str)	DB\Jig
update()	DB\Jig

Fat-Free Framework 3.1.0 API Reference

DB > Jig > Session >

DB\Jig\Session Member List

This is the complete list of members for **DB\Jig\Session**, including all inherited members.

\$db	DB\Jig
\$document	DB\Jig
\$file	DB\Jig
\$id	DB\Jig
\$ptr	DB\Cursor
\$query	DB\Cursor
__construct(\DB\Jig \$db, \$table='sessions')	DB\Jig
get(\$key)	Magic
isset(\$key)	Magic
set(\$key, \$val)	Magic
unset(\$key)	Magic
agent(\$id=NULL)	DB\Jig
cast(\$obj=NULL)	DB\Jig
cleanup(\$max)	DB\Jig
clear(\$key)	DB\Jig
close()	DB\Jig
copyfrom(\$key)	DB\Jig
copyto(\$key)	DB\Jig
count(\$filter=NULL, \$ttl=0)	DB\Jig
destroy(\$id)	DB\Jig
dry()	DB\Cursor
E_Field (defined in DB\Cursor)	DB\Cursor
erase(\$filter=NULL)	DB\Jig
DB::Cursor::erase()	DB\Cursor
exists(\$key)	DB\Jig
factory(\$id, \$row)	DB\Jig
find(\$filter=NULL, array \$options=NULL, \$ttl=0, \$log=TRUE)	DB\Jig

DB::Cursor::find (\$filter=NULL, array \$options=NULL)	DB\Cur
findone (\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Cur
first()	DB\Cur
get (\$key)	DB\Jig
insert()	DB\Jig
ip (\$id=NULL)	DB\Jig
last()	DB\Cur
load (\$filter=NULL, array \$options=NULL)	DB\Cur
next()	DB\Cur
offsetexists (\$key)	Magic
offsetget (\$key)	Magic
offsetset (\$key, \$val)	Magic
offsetunset (\$key)	Magic
open (\$path, \$name)	DB\Jig
paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DB\Cur
prev()	DB\Cur
read (\$id)	DB\Jig
reset()	DB\Jig
save()	DB\Cur
set (\$key, \$val)	DB\Jig
skip (\$ofs=1)	DB\Jig
stamp (\$id=NULL)	DB\Jig
token (\$str)	DB\Jig
update()	DB\Jig
write (\$id, \$data)	DB\Jig

Fat-Free Framework 3.1.0 API Reference

DB > Mongo > Mapper

DB\Mongo\Mapper Member List

This is the complete list of members for **DB\Mongo\Mapper**, including all inherited members.

\$collection	DB\Mo
\$db	DB\Mo
\$document	DB\Mo
\$ptr	DB\Cu
\$query	DB\Cu
__construct (\DB\Mongo \$db, \$collection)	DB\Mo
get (\$key)	Magic
isset (\$key)	Magic
set (\$key, \$val)	Magic
unset (\$key)	Magic
cast (\$obj=NULL)	DB\Mo
clear (\$key)	DB\Mo
copyfrom (\$key)	DB\Mo
copyto (\$key)	DB\Mo
count (\$filter=NULL, \$ttl=0)	DB\Mo
dry()	DB\Cu
E_Field (defined in DB\Cursor)	DB\Cu
erase (\$filter=NULL)	DB\Mo
DB::Cursor::erase()	DB\Cu
exists (\$key)	DB\Mo
factory (\$row)	DB\Mo
find (\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Mo
DB::Cursor::find (\$filter=NULL, array \$options=NULL)	DB\Cu
findone (\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Cu
first()	DB\Cu
get (\$key)	DB\Mo
insert()	DB\Mo

last()	DB\Cu
load(\$filter=NULL, array \$options=NULL)	DB\Cu
next()	DB\Cu
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
paginate(\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DB\Cu
prev()	DB\Cu
reset()	DB\Mo
save()	DB\Cu
select(\$fields=NULL, \$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Mo
set(\$key, \$val)	DB\Mo
skip(\$ofs=1)	DB\Mo
update()	DB\Mo

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Fat-Free Framework 3.1.0 API Reference

DB > Mongo > Session >

DB\Mongo\Session Member List

This is the complete list of members for **DB\Mongo\Session**, including all inherited members.

\$collection	DB\Mo
\$db	DB\Mo
\$document	DB\Mo
\$ptr	DB\Cu
\$query	DB\Cu
__construct (\DB\Mongo \$db, \$table='sessions')	DB\Mo
get (\$key)	Magic
isset (\$key)	Magic
set (\$key, \$val)	Magic
unset (\$key)	Magic
agent (\$id=NULL)	DB\Mo
cast (\$obj=NULL)	DB\Mo
cleanup (\$max)	DB\Mo
clear (\$key)	DB\Mo
close ()	DB\Mo
copyfrom (\$key)	DB\Mo
copyto (\$key)	DB\Mo
count (\$filter=NULL, \$ttl=0)	DB\Mo
destroy (\$id)	DB\Mo
dry ()	DB\Cu
E_Field (defined in DB\Cursor)	DB\Cu
erase (\$filter=NULL)	DB\Mo
DB::Cursor::erase()	DB\Cu
exists (\$key)	DB\Mo
factory (\$row)	DB\Mo
find (\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Mo
DB::Cursor::find (\$filter=NULL, array \$options=NULL)	DB\Cu

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\CU
first()	DB\CU
get (\$key)	DB\Mo
insert()	DB\Mo
ip (\$id=NULL)	DB\Mo
last()	DB\CU
load (\$filter=NULL, array \$options=NULL)	DB\CU
next()	DB\CU
offsetexists (\$key)	Magic
offsetget (\$key)	Magic
offsetset (\$key, \$val)	Magic
offsetunset (\$key)	Magic
open (\$path, \$name)	DB\Mo
paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DB\CU
prev()	DB\CU
read (\$id)	DB\Mo
reset()	DB\Mo
save()	DB\CU
select (\$fields=NULL, \$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Mo
set (\$key, \$val)	DB\Mo
skip (\$ofs=1)	DB\Mo
stamp (\$id=NULL)	DB\Mo
update()	DB\Mo
write (\$id, \$data)	DB\Mo

Fat-Free Framework 3.1.0 API Reference

DB > SQL > Mapper >

DB\SQL\Mapper Member List

This is the complete list of members for **DB\SQL\Mapper**, including all inherited members.

\$_id	DB\SQL
\$adhoc	DB\SQL
\$db	DB\SQL
\$engine	DB\SQL
\$fields	DB\SQL
\$ptr	DB\Cursor
\$query	DB\Cursor
\$table	DB\SQL
__construct(\DB\SQL \$db, \$table, \$ttl=60)	DB\SQL
get(\$key)	Magic
isset(\$key)	Magic
set(\$key, \$val)	Magic
unset(\$key)	Magic
cast(\$obj=NULL)	DB\SQL
clear(\$key)	DB\SQL
copyfrom(\$key)	DB\SQL
copyto(\$key)	DB\SQL
count(\$filter=NULL, \$ttl=0)	DB\SQL
dry()	DB\Cursor
E_Adhoc (defined in DB\SQL\Mapper)	DB\SQL
E_Field (defined in DB\Cursor)	DB\Cursor
erase(\$filter=NULL)	DB\SQL
DB::Cursor::erase()	DB\Cursor
exists(\$key)	DB\SQL
factory(\$row)	DB\SQL
find(\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\SQL
DB::Cursor::find(\$filter=NULL, array \$options=NULL)	DB\Cursor

findone (\$filter=NULL, array \$options=NULL, \$ttl=0)	DBICu
first()	DBICu
get (\$key)	DBISQ
insert()	DBISQ
last()	DBICu
load (\$filter=NULL, array \$options=NULL)	DBICu
next()	DBICu
offsetexists (\$key)	Magic
offsetget (\$key)	Magic
offsetset (\$key, \$val)	Magic
offsetunset (\$key)	Magic
paginate (\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DBICu
prev()	DBICu
reset()	DBISQ
save()	DBICu
schema()	DBISQ
select (\$fields, \$filter=NULL, array \$options=NULL, \$ttl=0)	DBISQ
set (\$key, \$val)	DBISQ
skip (\$ofs=1)	DBISQ
type (\$pdo)	DBISQ
update()	DBISQ
value (\$type, \$val)	DBISQ

Fat-Free Framework 3.1.0 API Reference

DB > SQL > Session >

DB\SQL\Session Member List

This is the complete list of members for **DB\SQL\Session**, including all inherited members.

\$_id	DBISQ
\$adhoc	DBISQ
\$db	DBISQ
\$engine	DBISQ
\$fields	DBISQ
\$ptr	DBICu
\$query	DBICu
\$table	DBISQ
__construct(\DB\SQL \$db, \$table='sessions')	DBISQ
DB::SQL::Mapper::__construct(\DB\SQL \$db, \$table, \$ttl=60)	DBISQ
get(\$key)	Magic
isset(\$key)	Magic
set(\$key, \$val)	Magic
unset(\$key)	Magic
agent(\$id=NULL)	DBISQ
cast(\$obj=NULL)	DBISQ
cleanup(\$max)	DBISQ
clear(\$key)	DBISQ
close()	DBISQ
copyfrom(\$key)	DBISQ
copyto(\$key)	DBISQ
count(\$filter=NULL, \$ttl=0)	DBISQ
destroy(\$id)	DBISQ
dry()	DBICu
E_Adhoc (defined in DB\SQL\Mapper)	DBISQ
E_Field (defined in DB\Cursor)	DBICu
erase(\$filter=NULL)	DBISQ

DB::Cursor::erase()	DBIC
exists(\$key)	DBISQ
factory(\$row)	DBISQ
find(\$filter=NULL, array \$options=NULL, \$ttl=0)	DBISQ
DB::Cursor::find(\$filter=NULL, array \$options=NULL)	DBIC
findone(\$filter=NULL, array \$options=NULL, \$ttl=0)	DBIC
first()	DBIC
get(\$key)	DBISQ
insert()	DBISQ
ip(\$id=NULL)	DBISQ
last()	DBIC
load(\$filter=NULL, array \$options=NULL)	DBIC
next()	DBIC
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
open(\$path, \$name)	DBISQ
paginate(\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DBIC
prev()	DBIC
read(\$id)	DBISQ
reset()	DBISQ
save()	DBIC
schema()	DBISQ
select(\$fields, \$filter=NULL, array \$options=NULL, \$ttl=0)	DBISQ
set(\$key, \$val)	DBISQ
skip(\$ofs=1)	DBISQ
stamp(\$id=NULL)	DBISQ
type(\$pdo)	DBISQ
update()	DBISQ
value(\$type, \$val)	DBISQ
write(\$id, \$data)	DBISQ

Fat-Free Framework 3.1.0 API Reference

DB > Cursor

DB\Cursor Member List

This is the complete list of members for **DB\Cursor**, including all inherited members.

\$ptr	DB\Cursor
\$query	DB\Cursor
__get(\$key)	Magic
__isset(\$key)	Magic
__set(\$key, \$val)	Magic
__unset(\$key)	Magic
clear(\$key)	Magic
dry()	DB\Cursor
E_Field (defined in DB\Cursor)	DB\Cursor
erase()	DB\Cursor
exists(\$key)	Magic
find(\$filter=NULL, array \$options=NULL)	DB\Cursor
findone(\$filter=NULL, array \$options=NULL, \$ttl=0)	DB\Cursor
first()	DB\Cursor
get(\$key)	Magic
insert()	DB\Cursor
last()	DB\Cursor
load(\$filter=NULL, array \$options=NULL)	DB\Cursor
next()	DB\Cursor
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
paginate(\$pos=0, \$size=10, \$filter=NULL, array \$options=NULL)	DB\Cursor
prev()	DB\Cursor
reset()	DB\Cursor
save()	DB\Cursor

set(\$key, \$val)
skip(\$ofs=1)
update()

Magic
DB\CU
DB\CU

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Fat-Free Framework 3.1.0 API Reference

DB > Jig >

DB\Jig Member List

This is the complete list of members for **DB\Jig**, including all inherited members.

\$dir	DB\Jig <small>protected</small>
\$format	DB\Jig
\$log	DB\Jig
__construct(\$dir, \$format=self::FORMAT_JSON)	DB\Jig
drop()	DB\Jig
FORMAT_JSON (defined in DB\Jig)	DB\Jig
FORMAT_Serialized (defined in DB\Jig)	DB\Jig
jot(\$frame)	DB\Jig
log()	DB\Jig
read(\$file)	DB\Jig
write(\$file, array \$data=NULL)	DB\Jig

Fat-Free Framework 3.1.0 API Reference

DB > Mongo >

DB\Mongo Member List

This is the complete list of members for **DB\Mongo**, including all inherited members.

__construct (\$dsn, \$dbname, array \$options=NULL)	DB\Mongo
drop()	DB\Mongo
E_Profiler (defined in DB\Mongo)	DB\Mongo
log()	DB\Mongo

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Fat-Free Framework 3.1.0 API Reference

DB > SQL >

DB\SQL Member List

This is the complete list of members for **DB\SQL**, including all inherited members.

\$dbname	DB\
\$log	DB\
\$rows	DB\
\$trans	DB\
__construct(\$dsn, \$user=NULL, \$pw=NULL, array \$options=NULL)	DB\
begin()	DB\
commit()	DB\
count()	DB\
driver()	DB\
exec(\$cmds, \$args=NULL, \$ttl=0, \$log=TRUE)	DB\
log()	DB\
name()	DB\
quote(\$val, \$type=\PDO::PARAM_STR)	DB\
quotekey(\$key)	DB\
rollback()	DB\
schema(\$table, \$ttl=0)	DB\
type(\$val)	DB\
version()	DB\

Fat-Free Framework 3.1.0 API Reference

Web > Geo

Web\Geo Member List

This is the complete list of members for **Web\Geo**, including all inherited members.

instance()	Prefab	<small>static</small>
location(\$ip=NULL)	Web\Geo	
tzinfo(\$zone)	Web\Geo	
weather(\$latitude, \$longitude)	Web\Geo	

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Fat-Free Framework 3.1.0 API Reference

Web > OpenID >

Web\OpenID Member List

This is the complete list of members for **Web\OpenID**, including all inherited members.

\$args	Web\OpenID
\$url	Web\OpenID protected
__get(\$key)	Magic
__isset(\$key)	Magic
__set(\$key, \$val)	Magic
__unset(\$key)	Magic
auth(\$proxy=NULL)	Web\OpenID
clear(\$key)	Web\OpenID
discover(\$proxy)	Web\OpenID protected
E_EndPoint (defined in Web\OpenID)	Web\OpenID
exists(\$key)	Web\OpenID
get(\$key)	Web\OpenID
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
set(\$key, \$val)	Web\OpenID
verified(\$proxy=NULL)	Web\OpenID

Fat-Free Framework 3.1.0 API Reference

Web > Pingback

Web\Pingback Member List

This is the complete list of members for **Web\Pingback**, including all inherited members.

__construct()	Web\Pingback
enabled(\$url)	Web\Pingback protected
inspect(\$source)	Web\Pingback
instance()	Prefab static
listen(\$func, \$path=NULL)	Web\Pingback
log()	Web\Pingback

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Fat-Free Framework 3.1.0 API Reference

Audit Member List

This is the complete list of members for **Audit**, including all inherited members.

card(\$id)	Audit
email(\$str, \$mx=TRUE)	Audit
entropy(\$str)	Audit
instance()	Prefab static
ipv4(\$addr)	Audit
ipv6(\$addr)	Audit
isbot()	Audit
isdesktop()	Audit
ismobile()	Audit
isprivate(\$addr)	Audit
ispublic(\$addr)	Audit
isreserved(\$addr)	Audit
mod10(\$id)	Audit
UA_Bot (defined in Audit)	Audit
UA/Desktop (defined in Audit)	Audit
UA/Mobile (defined in Audit)	Audit
url(\$str)	Audit

Fat-Free Framework 3.1.0 API Reference

Auth Member List

This is the complete list of members for **Auth**, including all inherited members.

\$args	Auth
\$mapper	Auth
__construct(\$storage, array \$args=NULL)	Auth
_jig(\$id, \$pw, \$realm)	Auth <small>protected</small>
_ldap(\$id, \$pw)	Auth <small>protected</small>
_mongo(\$id, \$pw, \$realm)	Auth <small>protected</small>
_smtp(\$id, \$pw)	Auth <small>protected</small>
_sql(\$id, \$pw, \$realm)	Auth <small>protected</small>
basic(\$func=NULL, \$halt=TRUE)	Auth
E_LDAP (defined in Auth)	Auth
E_SMTP (defined in Auth)	Auth
login(\$id, \$pw, \$realm=NULL)	Auth

Fat-Free Framework 3.1.0 API Reference

Base Member List

This is the complete list of members for **Base**, including all inherited members.

\$fallback
\$init
\$languages
\$locales
\$null
autoload(\$class)
base64(\$data, \$mime)
blacklisted(\$ip)
call(\$func, \$args=NULL, \$hooks="")
camelcase(\$str)
chain(\$funcs, \$args=NULL)
clear(\$key)
concat(\$key, \$val)
config(\$file)
copy(\$src, \$dst)
CSS
csv(array \$args)
decode(\$str)
dump(\$expr)
E_Fatal (defined in **Base**)
E_Hive (defined in **Base**)
E_Method (defined in **Base**)
E_Open (defined in **Base**)
E_Pattern (defined in **Base**)
E_Routes (defined in **Base**)
encode(\$str)
error(\$code, \$text="", array \$trace=NULL)
esc(\$arg)
exists(\$key)

expire(\$secs=0)
fixslashes(\$str)
flip(\$key)
format()
get(\$key, \$args=NULL)
GLOBALS
hash(\$str)
highlight(\$text)
hive()
HTTP_100 (defined in [Base](#))
HTTP_101 (defined in [Base](#))
HTTP_200 (defined in [Base](#))
HTTP_201 (defined in [Base](#))
HTTP_202 (defined in [Base](#))
HTTP_203 (defined in [Base](#))
HTTP_204 (defined in [Base](#))
HTTP_205 (defined in [Base](#))
HTTP_206 (defined in [Base](#))
HTTP_300 (defined in [Base](#))
HTTP_301 (defined in [Base](#))
HTTP_302 (defined in [Base](#))
HTTP_303 (defined in [Base](#))
HTTP_304 (defined in [Base](#))
HTTP_305 (defined in [Base](#))
HTTP_307 (defined in [Base](#))
HTTP_400 (defined in [Base](#))
HTTP_401 (defined in [Base](#))
HTTP_402 (defined in [Base](#))
HTTP_403 (defined in [Base](#))
HTTP_404 (defined in [Base](#))
HTTP_405 (defined in [Base](#))
HTTP_406 (defined in [Base](#))
HTTP_407 (defined in [Base](#))
HTTP_408 (defined in [Base](#))
HTTP_409 (defined in [Base](#))
HTTP_410 (defined in [Base](#))
HTTP_411 (defined in [Base](#))
HTTP_412 (defined in [Base](#))
HTTP_413 (defined in [Base](#))
HTTP_414 (defined in [Base](#))

HTTP_415 (defined in [Base](#))
HTTP_416 (defined in [Base](#))
HTTP_417 (defined in [Base](#))
HTTP_500 (defined in [Base](#))
HTTP_501 (defined in [Base](#))
HTTP_502 (defined in [Base](#))
HTTP_503 (defined in [Base](#))
HTTP_504 (defined in [Base](#))
HTTP_505 (defined in [Base](#))
instance()
language(\$code)
lexicon(\$path)
map(\$url, \$class, \$ttl=0, \$kbps=0)
mock(\$pattern, array \$args=NULL, array \$headers=NULL, \$body=NULL)
MODE
mset(array \$vars, \$prefix="", \$ttl=0)
mutex(\$id, \$func, \$args=NULL)
PACKAGE (defined in [Base](#))
pop(\$key)
push(\$key, \$val)
raw(\$arg)
read(\$file, \$lf=FALSE)
ref(\$key, \$add=TRUE)
relay(\$funcs, \$args=NULL)
REQ_AJAX (defined in [Base](#))
REQ_SYNC (defined in [Base](#))
reroute(\$uri, \$permanent=FALSE)
route(\$pattern, \$handler, \$ttl=0, \$kbps=0)
run()
scrub(&\$var, \$tags=NULL)
serialize(\$arg)
set(\$key, \$val, \$ttl=0)
shift(\$key)
sign(\$num)
snakecase(\$str)
split(\$str)
status(\$code)
stringify(\$arg)
sync(\$key)
unload()

unserialize(\$arg)
 unshift(\$key, \$val)

VERBS

VERSION (defined in **Base**)
 write(\$file, \$data, \$append=FALSE)

Fat-Free Framework 3.1.0 API Reference

Basket Member List

This is the complete list of members for **Basket**, including all inherited members.

\$id	Basket
\$item	Basket
\$key	Basket <small>protected</small>
__construct(\$key='basket')	Basket
checkout()	Basket
clear(\$key)	Basket
copyfrom(\$key)	Basket
copyto(\$key)	Basket
count()	Basket
drop()	Basket
dry()	Basket
E_Field (defined in Basket)	Basket
erase(\$key, \$val)	Basket
exists(\$key)	Basket
find(\$key, \$val)	Basket
get(\$key)	Basket
load(\$key, \$val)	Basket
reset()	Basket
save()	Basket
set(\$key, \$val)	Basket

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Bcrypt Member List

This is the complete list of members for **Bcrypt**, including all inherited members.

E_Cost (defined in Bcrypt)	Bcrypt
E_Salt (defined in Bcrypt)	Bcrypt
hash(\$pw, \$salt=NULL, \$cost=10)	Bcrypt
instance()	Prefab <small>static</small>
verify(\$pw, \$hash)	Bcrypt

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Fat-Free Framework 3.1.0 API Reference

Cache Member List

This is the complete list of members for **Cache**, including all inherited members.

\$dsn	Cache	protected
\$prefix	Cache	
\$ref	Cache	
__construct(\$dsn=FALSE)	Cache	
clear(\$key)	Cache	
exists(\$key, &\$val=NULL)	Cache	
get(\$key)	Cache	
instance()	Prefab	static
load(\$dsn)	Cache	
reset(\$suffix=NULL, \$lifetime=0)	Cache	
set(\$key, \$val, \$ttl=0)	Cache	

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F3 Member List

This is the complete list of members for **F3**, including all inherited members.

\$fw

F3

static

__callstatic(\$func, array \$args)

F3

static

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Fat-Free Framework 3.1.0 API Reference

Image Member List

This is the complete list of members for [Image](#), including all inherited members.

\$count	Image
\$data	Image
\$flag	Image
__construct(\$file=NULL, \$flag=FALSE, \$path="")	Image
__destruct()	Image
blur(\$selective=FALSE)	Image
brightness(\$level)	Image
captcha(\$font, \$size=24, \$len=5, \$key=NULL, \$path="")	Image
contrast(\$level)	Image
crop(\$x1, \$y1, \$x2, \$y2)	Image
dump()	Image
E_Color (defined in Image)	Image
E_Font (defined in Image)	Image
emboss()	Image
grayscale()	Image
height()	Image
hflip()	Image
identicon(\$str, \$size=64, \$blocks=4)	Image
invert()	Image
overlay(Image \$img, \$align=NULL)	Image
pixelate(\$size)	Image
POS_Bottom (defined in Image)	Image
POS_Center (defined in Image)	Image
POS_Left (defined in Image)	Image
POS_Middle (defined in Image)	Image
POS_Right (defined in Image)	Image
POS_Top (defined in Image)	Image
render()	Image
resize(\$width, \$height, \$crop=TRUE, \$enlarge=TRUE)	Image

restore(\$state=1)	Image
rgb(\$color)	Image
rotate(\$angle)	Image
save()	Image
sepia()	Image
sketch()	Image
smooth(\$level)	Image
undo()	Image
vflip()	Image
width()	Image

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Fat-Free Framework 3.1.0 API Reference

ISO Member List

This is the complete list of members for **ISO**, including all inherited members.

CC_ad (defined in ISO)	ISO
CC_ae (defined in ISO)	ISO
CC_af (defined in ISO)	ISO
CC_ag (defined in ISO)	ISO
CC_ai (defined in ISO)	ISO
CC_al (defined in ISO)	ISO
CC_am (defined in ISO)	ISO
CC_ao (defined in ISO)	ISO
CC_aq (defined in ISO)	ISO
CC_ar (defined in ISO)	ISO
CC_as (defined in ISO)	ISO
CC_at (defined in ISO)	ISO
CC_au (defined in ISO)	ISO
CC_aw (defined in ISO)	ISO
CC_ax (defined in ISO)	ISO
CC_az (defined in ISO)	ISO
CC_ba (defined in ISO)	ISO
CC_bb (defined in ISO)	ISO
CC_bd (defined in ISO)	ISO
CC_be (defined in ISO)	ISO
CC_bf (defined in ISO)	ISO
CC_bg (defined in ISO)	ISO
CC_bh (defined in ISO)	ISO
CC_bi (defined in ISO)	ISO
CC_bj (defined in ISO)	ISO
CC_bl (defined in ISO)	ISO
CC_bm (defined in ISO)	ISO
CC_bn (defined in ISO)	ISO
CC_bo (defined in ISO)	ISO

CC_bq (defined in ISO)	ISO
CC_br (defined in ISO)	ISO
CC_bs (defined in ISO)	ISO
CC_bt (defined in ISO)	ISO
CC_bv (defined in ISO)	ISO
CC_bw (defined in ISO)	ISO
CC_by (defined in ISO)	ISO
CC_bz (defined in ISO)	ISO
CC_ca (defined in ISO)	ISO
CC_cc (defined in ISO)	ISO
CC_cd (defined in ISO)	ISO
CC_cf (defined in ISO)	ISO
CC_cg (defined in ISO)	ISO
CC_ch (defined in ISO)	ISO
CC_ci (defined in ISO)	ISO
CC_ck (defined in ISO)	ISO
CC_ci (defined in ISO)	ISO
CC_cm (defined in ISO)	ISO
CC_cn (defined in ISO)	ISO
CC_co (defined in ISO)	ISO
CC_cr (defined in ISO)	ISO
CC_cu (defined in ISO)	ISO
CC_cv (defined in ISO)	ISO
CC_cw (defined in ISO)	ISO
CC_cx (defined in ISO)	ISO
CC_cy (defined in ISO)	ISO
CC_cz (defined in ISO)	ISO
CC_de (defined in ISO)	ISO
CC_dj (defined in ISO)	ISO
CC_dk (defined in ISO)	ISO
CC_dm (defined in ISO)	ISO
CC_do (defined in ISO)	ISO
CC_dz (defined in ISO)	ISO
CC_ec (defined in ISO)	ISO
CC_ee (defined in ISO)	ISO
CC_eg (defined in ISO)	ISO
CC_eh (defined in ISO)	ISO
CC_er (defined in ISO)	ISO
CC_es (defined in ISO)	ISO
CC_et (defined in ISO)	ISO

CC_fi (defined in ISO)	ISO
CC_fj (defined in ISO)	ISO
CC_fk (defined in ISO)	ISO
CC_fm (defined in ISO)	ISO
CC_fo (defined in ISO)	ISO
CC_fr (defined in ISO)	ISO
CC_ga (defined in ISO)	ISO
CC_gb (defined in ISO)	ISO
CC_gd (defined in ISO)	ISO
CC_ge (defined in ISO)	ISO
CC_gf (defined in ISO)	ISO
CC_gg (defined in ISO)	ISO
CC_gh (defined in ISO)	ISO
CC_gi (defined in ISO)	ISO
CC_gI (defined in ISO)	ISO
CC_gm (defined in ISO)	ISO
CC_gn (defined in ISO)	ISO
CC_gp (defined in ISO)	ISO
CC_gq (defined in ISO)	ISO
CC_gr (defined in ISO)	ISO
CC_gs (defined in ISO)	ISO
CC_gt (defined in ISO)	ISO
CC_gu (defined in ISO)	ISO
CC_gw (defined in ISO)	ISO
CC_gy (defined in ISO)	ISO
CC_hk (defined in ISO)	ISO
CC_hm (defined in ISO)	ISO
CC_hn (defined in ISO)	ISO
CC_hr (defined in ISO)	ISO
CC_ht (defined in ISO)	ISO
CC_hu (defined in ISO)	ISO
CC_id (defined in ISO)	ISO
CC_ie (defined in ISO)	ISO
CC_il (defined in ISO)	ISO
CC_im (defined in ISO)	ISO
CC_in (defined in ISO)	ISO
CC_io (defined in ISO)	ISO
CC_iq (defined in ISO)	ISO
CC_ir (defined in ISO)	ISO
CC_is (defined in ISO)	ISO

CC_it (defined in ISO)	ISO
CC_je (defined in ISO)	ISO
CC_jm (defined in ISO)	ISO
CC_jo (defined in ISO)	ISO
CC_jp (defined in ISO)	ISO
CC_ke (defined in ISO)	ISO
CC_kg (defined in ISO)	ISO
CC_kh (defined in ISO)	ISO
CC_ki (defined in ISO)	ISO
CC_km (defined in ISO)	ISO
CC_kn (defined in ISO)	ISO
CC_kp (defined in ISO)	ISO
CC_kr (defined in ISO)	ISO
CC_kw (defined in ISO)	ISO
CC_ky (defined in ISO)	ISO
CC_kz (defined in ISO)	ISO
CC_la (defined in ISO)	ISO
CC_lb (defined in ISO)	ISO
CC_lc (defined in ISO)	ISO
CC_li (defined in ISO)	ISO
CC_lk (defined in ISO)	ISO
CC_ir (defined in ISO)	ISO
CC_ls (defined in ISO)	ISO
CC_lt (defined in ISO)	ISO
CC_lu (defined in ISO)	ISO
CC_lv (defined in ISO)	ISO
CC_ly (defined in ISO)	ISO
CC_ma (defined in ISO)	ISO
CC_mc (defined in ISO)	ISO
CC_md (defined in ISO)	ISO
CC_me (defined in ISO)	ISO
CC_mf (defined in ISO)	ISO
CC_mg (defined in ISO)	ISO
CC_mh (defined in ISO)	ISO
CC_mk (defined in ISO)	ISO
CC_ml (defined in ISO)	ISO
CC_mm (defined in ISO)	ISO
CC_mn (defined in ISO)	ISO
CC_mo (defined in ISO)	ISO
CC_mp (defined in ISO)	ISO

CC_mq (defined in ISO)	ISO
CC_mr (defined in ISO)	ISO
CC_ms (defined in ISO)	ISO
CC_mt (defined in ISO)	ISO
CC_mu (defined in ISO)	ISO
CC_mv (defined in ISO)	ISO
CC_mw (defined in ISO)	ISO
CC_mx (defined in ISO)	ISO
CC_my (defined in ISO)	ISO
CC_mz (defined in ISO)	ISO
CC_na (defined in ISO)	ISO
CC_nc (defined in ISO)	ISO
CC_ne (defined in ISO)	ISO
CC_nf (defined in ISO)	ISO
CC_ng (defined in ISO)	ISO
CC_ni (defined in ISO)	ISO
CC_nl (defined in ISO)	ISO
CC_no (defined in ISO)	ISO
CC_np (defined in ISO)	ISO
CC_nr (defined in ISO)	ISO
CC_nu (defined in ISO)	ISO
CC_nz (defined in ISO)	ISO
CC_om (defined in ISO)	ISO
CC_pa (defined in ISO)	ISO
CC_pe (defined in ISO)	ISO
CC_pf (defined in ISO)	ISO
CC_pg (defined in ISO)	ISO
CC_ph (defined in ISO)	ISO
CC_pk (defined in ISO)	ISO
CC_pl (defined in ISO)	ISO
CC_pm (defined in ISO)	ISO
CC_pn (defined in ISO)	ISO
CC_pr (defined in ISO)	ISO
CC_ps (defined in ISO)	ISO
CC_pt (defined in ISO)	ISO
CC_pw (defined in ISO)	ISO
CC_py (defined in ISO)	ISO
CC_qa (defined in ISO)	ISO
CC_re (defined in ISO)	ISO
CC_ro (defined in ISO)	ISO

CC_rs (defined in ISO)	ISO
CC_ru (defined in ISO)	ISO
CC_rw (defined in ISO)	ISO
CC_sa (defined in ISO)	ISO
CC_sb (defined in ISO)	ISO
CC_sc (defined in ISO)	ISO
CC_sd (defined in ISO)	ISO
CC_se (defined in ISO)	ISO
CC_sg (defined in ISO)	ISO
CC_sh (defined in ISO)	ISO
CC_si (defined in ISO)	ISO
CC_sj (defined in ISO)	ISO
CC_sk (defined in ISO)	ISO
CC_si (defined in ISO)	ISO
CC_sm (defined in ISO)	ISO
CC_sn (defined in ISO)	ISO
CC_so (defined in ISO)	ISO
CC_sr (defined in ISO)	ISO
CC_ss (defined in ISO)	ISO
CC_st (defined in ISO)	ISO
CC_sv (defined in ISO)	ISO
CC_sx (defined in ISO)	ISO
CC_sy (defined in ISO)	ISO
CC_sz (defined in ISO)	ISO
CC_tc (defined in ISO)	ISO
CC_td (defined in ISO)	ISO
CC_tf (defined in ISO)	ISO
CC_tg (defined in ISO)	ISO
CC_th (defined in ISO)	ISO
CC_tj (defined in ISO)	ISO
CC_tk (defined in ISO)	ISO
CC_tl (defined in ISO)	ISO
CC_tm (defined in ISO)	ISO
CC_tn (defined in ISO)	ISO
CC_to (defined in ISO)	ISO
CC_tr (defined in ISO)	ISO
CC_tt (defined in ISO)	ISO
CC_tv (defined in ISO)	ISO
CC_tw (defined in ISO)	ISO
CC_tz (defined in ISO)	ISO

CC_ua (defined in ISO)	ISO	
CC_ug (defined in ISO)	ISO	
CC_um (defined in ISO)	ISO	
CC_us (defined in ISO)	ISO	
CC_uy (defined in ISO)	ISO	
CC_uz (defined in ISO)	ISO	
CC_va (defined in ISO)	ISO	
CC_vc (defined in ISO)	ISO	
CC_ve (defined in ISO)	ISO	
CC_vg (defined in ISO)	ISO	
CC_vi (defined in ISO)	ISO	
CC_vn (defined in ISO)	ISO	
CC_vu (defined in ISO)	ISO	
CC_wf (defined in ISO)	ISO	
CC_ws (defined in ISO)	ISO	
CC_ye (defined in ISO)	ISO	
CC_yt (defined in ISO)	ISO	
CC_za (defined in ISO)	ISO	
CC_zm (defined in ISO)	ISO	
CC_zw (defined in ISO)	ISO	
constants (\$prefix)	ISO	protected
countries()	ISO	
instance()	Prefab	static
languages()	ISO	
LC_af (defined in ISO)	ISO	
LC_am (defined in ISO)	ISO	
LC_ar (defined in ISO)	ISO	
LC_as (defined in ISO)	ISO	
LC_ba (defined in ISO)	ISO	
LC_be (defined in ISO)	ISO	
LC_bg (defined in ISO)	ISO	
LC_bn (defined in ISO)	ISO	
LC_bo (defined in ISO)	ISO	
LC_br (defined in ISO)	ISO	
LC_ca (defined in ISO)	ISO	
LC_co (defined in ISO)	ISO	
LC_cs (defined in ISO)	ISO	
LC_cy (defined in ISO)	ISO	
LC_da (defined in ISO)	ISO	
LC_de (defined in ISO)	ISO	

LC_dv (defined in ISO)	ISO
LC_el (defined in ISO)	ISO
LC_en (defined in ISO)	ISO
LC_es (defined in ISO)	ISO
LC_et (defined in ISO)	ISO
LC_eu (defined in ISO)	ISO
LC_fa (defined in ISO)	ISO
LC_fi (defined in ISO)	ISO
LC_fo (defined in ISO)	ISO
LC_fr (defined in ISO)	ISO
LC_gd (defined in ISO)	ISO
LC_gl (defined in ISO)	ISO
LC_gu (defined in ISO)	ISO
LC_he (defined in ISO)	ISO
LC_hi (defined in ISO)	ISO
LC_hr (defined in ISO)	ISO
LC_hu (defined in ISO)	ISO
LC_hy (defined in ISO)	ISO
LC_id (defined in ISO)	ISO
LC_ig (defined in ISO)	ISO
LC_is (defined in ISO)	ISO
LC_it (defined in ISO)	ISO
LC_ja (defined in ISO)	ISO
LC_ka (defined in ISO)	ISO
LC_kk (defined in ISO)	ISO
LC_km (defined in ISO)	ISO
LC_kn (defined in ISO)	ISO
LC_ko (defined in ISO)	ISO
LC_lb (defined in ISO)	ISO
LC_lo (defined in ISO)	ISO
LC_lt (defined in ISO)	ISO
LC_lv (defined in ISO)	ISO
LC_mi (defined in ISO)	ISO
LC_ml (defined in ISO)	ISO
LC_mr (defined in ISO)	ISO
LC_ms (defined in ISO)	ISO
LC_mt (defined in ISO)	ISO
LC_ne (defined in ISO)	ISO
LC_nl (defined in ISO)	ISO
LC_no (defined in ISO)	ISO

LC_oc (defined in ISO)	ISO
LC_or (defined in ISO)	ISO
LC_pl (defined in ISO)	ISO
LC_ps (defined in ISO)	ISO
LC_pt (defined in ISO)	ISO
LC_qu (defined in ISO)	ISO
LC_ro (defined in ISO)	ISO
LC_ru (defined in ISO)	ISO
LC_rw (defined in ISO)	ISO
LC_sa (defined in ISO)	ISO
LC_si (defined in ISO)	ISO
LC_sk (defined in ISO)	ISO
LC_sl (defined in ISO)	ISO
LC_sq (defined in ISO)	ISO
LC_sv (defined in ISO)	ISO
LC_ta (defined in ISO)	ISO
LC_te (defined in ISO)	ISO
LC_th (defined in ISO)	ISO
LC_tk (defined in ISO)	ISO
LC_tr (defined in ISO)	ISO
LC_tt (defined in ISO)	ISO
LC_uk (defined in ISO)	ISO
LC_ur (defined in ISO)	ISO
LC_vi (defined in ISO)	ISO
LC_wo (defined in ISO)	ISO
LC_yo (defined in ISO)	ISO
LC_zh (defined in ISO)	ISO

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Log Member List

This is the complete list of members for [Log](#), including all inherited members.

\$file	Log	protected
__construct(\$file)	Log	
erase()	Log	
write(\$text, \$format='r')	Log	

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Fat-Free Framework 3.1.0 API Reference

Magic Member List

This is the complete list of members for **Magic**, including all inherited members.

<code>__get(\$key)</code>	Magic
<code>__isset(\$key)</code>	Magic
<code>__set(\$key, \$val)</code>	Magic
<code>__unset(\$key)</code>	Magic
<code>clear(\$key)</code>	Magic
<code>exists(\$key)</code>	Magic
<code>get(\$key)</code>	Magic
<code>offsetexists(\$key)</code>	Magic
<code>offsetget(\$key)</code>	Magic
<code>offsetset(\$key, \$val)</code>	Magic
<code>offsetunset(\$key)</code>	Magic
<code>set(\$key, \$val)</code>	Magic

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Markdown Member List

This is the complete list of members for **Markdown**, including all inherited members.

\$blocks	Markdown	protected
\$special	Markdown	
_a(\$str)	Markdown	protected
_atx(\$type, \$str)	Markdown	protected
_auto(\$str)	Markdown	protected
_blockquote(\$str)	Markdown	protected
_code(\$str)	Markdown	protected
_fence(\$hint, \$str)	Markdown	protected
_hr()	Markdown	protected
_img(\$str)	Markdown	protected
_li(\$str)	Markdown	protected
_p(\$str)	Markdown	protected
_pre(\$str)	Markdown	protected
_raw(\$str)	Markdown	protected
_setext(\$str, \$type)	Markdown	protected
_text(\$str)	Markdown	protected
build(\$str)	Markdown	protected
convert(\$txt)	Markdown	
esc(\$str)	Markdown	
instance()	Prefab	static
scan(\$str)	Markdown	
snip(\$str)	Markdown	protected

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Matrix Member List

This is the complete list of members for **Matrix**, including all inherited members.

calendar (\$date='now', \$first=0)	Matrix
changekey (array &\$var, \$old, \$new)	Matrix
instance()	Prefab <small>static</small>
pick (array \$var, \$col)	Matrix
sort (array &\$var, \$col, \$order=SORT_ASC)	Matrix
transpose (array &\$var)	Matrix

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Prefab Member List

This is the complete list of members for **Prefab**, including all inherited members.

instance() **Prefab** static

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Fat-Free Framework 3.1.0 API Reference

Registry Member List

This is the complete list of members for **Registry**, including all inherited members.

clear(\$key)	Registry	static
exists(\$key)	Registry	static
get(\$key)	Registry	static
set(\$key, \$obj)	Registry	static

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Fat-Free Framework 3.1.0 API Reference

Session Member List

This is the complete list of members for [Session](#), including all inherited members.

__construct()	Session
agent(\$id=NULL)	Session
cleanup(\$max)	Session
close()	Session
destroy(\$id)	Session
ip(\$id=NULL)	Session
open(\$path, \$name)	Session
read(\$id)	Session
stamp(\$id=NULL)	Session
write(\$id, \$data)	Session

Fat-Free Framework 3.1.0 API Reference

SMTP Member List

This is the complete list of members for **SMTP**, including all inherited members.

\$attachments	SMTP
\$host	SMTP
\$log	SMTP
\$port	SMTP
\$pw	SMTP
\$scheme	SMTP
\$socket	SMTP
\$user	SMTP
construct(\$host, \$port, \$scheme, \$user, \$pw)	SMTP
get(\$key)	Magic
isset(\$key)	Magic
set(\$key, \$val)	Magic
unset(\$key)	Magic
attach(\$file)	SMTP
clear(\$key)	SMTP
dialog(\$cmd=NULL, \$log=FALSE)	SMTP protected
E_Attach (defined in SMTP)	SMTP
E_Bank (defined in SMTP)	SMTP
E_Header (defined in SMTP)	SMTP
exists(\$key)	SMTP
fixheader(\$key)	SMTP protected
get(\$key)	SMTP
log()	SMTP
offsetexists(\$key)	Magic
offsetget(\$key)	Magic
offsetset(\$key, \$val)	Magic
offsetunset(\$key)	Magic
send(\$message)	SMTP
set(\$key, \$val)	SMTP

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Fat-Free Framework 3.1.0 API Reference

Template Member List

This is the complete list of members for **Template**, including all inherited members.

\$custom	Template
\$hive	View
\$mime	Template protected
\$tags	Template
\$view	View protected
__call(\$func, array \$args)	Template
__construct() (defined in Template)	Template
__case(array \$node)	Template protected
__check(array \$node)	Template protected
__default(array \$node)	Template protected
__exclude()	Template protected
__false(array \$node)	Template protected
__ignore(array \$node)	Template protected
__include(array \$node)	Template protected
__loop(array \$node)	Template protected
__repeat(array \$node)	Template protected
__set(array \$node)	Template protected
__switch(array \$node)	Template protected
__true(array \$node)	Template protected
build(\$node)	Template protected
E_Method (defined in Template)	Template
extend(\$tag, \$func)	Template
instance()	Prefab static
render(\$file, \$mime='text/html', array \$hive=NULL)	Template
sandbox()	View protected
token(\$str)	Template

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Test Member List

This is the complete list of members for [Test](#), including all inherited members.

__construct(\$level=self::FLAG_Both)	Test
expect(\$cond, \$text=NULL)	Test
FLAG_Both (defined in Test)	Test
FLAG_False (defined in Test)	Test
FLAG_True (defined in Test)	Test
message(\$text)	Test
results()	Test

Fat-Free Framework 3.1.0 API Reference

UTF Member List

This is the complete list of members for **UTF**, including all inherited members.

bom()	UTF	
instance()	Prefab	static
ltrim(\$str)	UTF	
rtrim(\$str)	UTF	
stripos(\$stack, \$needle, \$ofs=0)	UTF	
stristr(\$stack, \$needle, \$before=False)	UTF	
strlen(\$str)	UTF	
strpos(\$stack, \$needle, \$ofs=0, \$case=False)	UTF	
strripos(\$stack, \$needle, \$ofs=0)	UTF	
strrpos(\$stack, \$needle, \$ofs=0, \$case=False)	UTF	
strstr(\$stack, \$needle, \$before=False, \$case=False)	UTF	
substr(\$str, \$start, \$len=0)	UTF	
substr_count(\$stack, \$needle)	UTF	
trim(\$str)	UTF	

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View Member List

This is the complete list of members for **View**, including all inherited members.

\$hive	View
\$view	View
instance()	Prefab
render(\$file, \$mime='text/html', array \$hive=NULL)	View
sandbox()	View

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Fat-Free Framework 3.1.0 API Reference

Web Member List

This is the complete list of members for **Web**, including all inherited members.

<code>_curl(\$url, \$options)</code>	Web	protected
<code>_socket(\$url, \$options)</code>	Web	protected
<code>_stream(\$url, \$options)</code>	Web	protected
<code>acceptable(\$list=NULL)</code>	Web	
E_Request (defined in Web)	Web	
<code>engine(\$arg='curl')</code>	Web	
<code>filler(\$count=1, \$max=20, \$std=TRUE)</code>	Web	
<code>instance()</code>	Prefab	static
<code>mime(\$file)</code>	Web	
<code>minify(\$files, \$mime=NULL, \$header=TRUE, \$path="")</code>	Web	
<code>progress(\$id)</code>	Web	
<code>receive(\$func=NULL, \$overwrite=FALSE, \$slug=TRUE)</code>	Web	
<code>request(\$url, array \$options=NULL)</code>	Web	
<code>rss(\$url, \$max=10, \$tags=NULL)</code>	Web	
<code>send(\$file, \$mime=NULL, \$kbps=0, \$force=TRUE)</code>	Web	
<code>slug(\$text)</code>	Web	
<code>subst(array &\$old, \$new)</code>	Web	
<code>whois(\$addr, \$server='whois.internic.net')</code>	Web	