

ClickBlocks\Cache\File

General information

Inheritance	ClickBlocks\Cache\Cache
Child classes	no
Interfaces	ArrayAccess, Countable
Source	Framework/cache/file.php

Class for caching data based on the file system. The cached data is serialized and placed in a separate file, which is located in a specified folder (directory cache). Because the file system does not automatically delete expired cache files, the class has a method **gc()**, allowing brush away the cache of non-valid data.

Public static methods

isAvailable()

```
public static boolean isAvailable()
```

Returns always TRUE because of permanent availability of file system.

Public non-static methods

getDirectory()

```
public string getDirectory()
```

Returns the current cache directory.

setDirectory()

```
public void setDirectory(string $path = null)
```

\$path	string	cache directory.
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Sets the directory to store cache files. If this directory does not exist, then the framework will attempt to create it.

set()

```
public void set(string $key, mixed $content, integer $expire, string $group = null)
```

\$key	string	unique identifier of caching data.
\$content	mixed	any data to cache.
\$expire	integer	cache lifetime in seconds.
\$group	string	cache group name.

Stores data in cache by their identifier.

get()

```
public mixed get(string $key)
```

\$key	string	unique identifier of caching data.
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Returns previously stored data from cache by their identifier.

get()

```
public void remove(string $key)
```

\$key	string	unique identifier of caching data.
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Removes data from cache by their identifier.

isExpired()

```
public boolean isExpired(string $key)
```

\$key	string	unique identifier of caching data.
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Returns TRUE, if the lifetime of the cache has expired, and FALSE otherwise. If the lifetime of the cache expires, the cache file will be deleted.

clean()

```
public void clean()
```

Removes all data from cache.

gc()

```
public void gc(float $probability = 100)
```

\$probability	float	probability of method call.
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Garabage collector. Removes all expired cache data and normalizes the vault of group keys.