

Giga Creations Tools “GCTools”

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README File

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Section 1: To-Do List

Write up all the items left to-do ;-)

Section 2: Files

cache.inc.php

Class Variables

- 1.) `cacheDir` – This defines the directory to store cached files. It must exist, and be writable.

Class Functions

1. `Cache($cacheDir)`
 - (a) `$cacheDir` defines the directory to store cached files
 - (b) Pre/Post Conditions:
 - i. Precondition: The `$cacheDir` should be defined.
 - ii. Postcondition: The cache class is initialized.
 - (c) This function initializes the Cache class. It ensures that the cache directory exists, and is writable. If the directory does not exist, or is not writable, an exception is thrown.
2. `getCacheDir()`
 - (a) Pre/Post Conditions:
 - i. Precondition: `$cacheDir` should be set
 - ii. Postcondition: Returns the `$cacheDir`, or FALSE otherwise
 - (b) This function provides the user with the location of the cache directory.
3. `setCacheDir($dir)`
 - (a) `$dir` defines the new location of the directory to store cached files.
 - (b) Pre/Post Conditions:
 - i. Precondition: `$dir` should be set, and a writable directory
 - ii. Postcondition: Return TRUE on success, and FALSE otherwise
 - (c) This function allows the user to change the location of the cache directory after the class has already been initialized.
4. `createCache($file)`
 - (a) `$file` defines the path to the file to be cached
 - (b) Pre/Post Conditions:
 - i. Precondition: `$file` should be a valid file
 - ii. Postcondition: Create a cache of the file and return TRUE on success, or FALSE on failure
 - (c) This function allows the user to create a cache of a file.

Class example

```
<?php
require_once("cache.inc.php");

try {
    $cache = new Cache("/path/to/my/cache/directory")
}
catch (Exception $e) {
    //There was some kind of error, so handle it
}

if (!$cache->createCache("/path/to/my/file")) {
    //There was an error creating the cache
}

//We're done. The cached file is /path/to/my/cache/directory/file.cache.html
?>
```

database.inc.php

file.inc.php

mail.inc.php

navigation.inc.php

photo.inc.php

security.inc.php

session.inc.php

user.inc.php

Credits

Code Contributors

- 1.) M. “Beanyhead” Parker

Change Log

This is in the works