Giga Creations Tools
“GCTools”

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README File

http://www.gigacreations.net/

Table of Contents

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

Class Variables

Database class

1.) dbType defines the type of database that is being used.

2.) dbLoc defines the location of the database. This can be an IP address, a hostname, a file location, etc

3.) dbUser defines the username used to connect to the database, if needed.

4.) dbPass defines the password used to connect to the database, if needed.

5.) dbName defines the name of the database to use.

6.) lastError defines the text of the last error that occurred, if any.

MySQL class

1.) myCon defines the MySQL connection

Class Functions

Database class

file.inc.php

mail.inc.php

navigation.inc.php

photo.inc.php

security.inc.php

session.inc.php

user.inc.php

Credits

Code Contributors

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Change Log

This is in the works