

# FileStore

- [Description](#)
- [Code Sample](#)
- [Methods](#)
  - [clear](#)
  - [getFile](#)
  - [getFiles](#)
  - [getFileErrorList](#)
  - [getFileMap](#)
  - [getFileNames](#)
  - [getFileSizeLimit](#)
  - [getFileSizeLimitLong](#)
  - [setFileMap](#)
  - [updateFileSizeLimit](#)

## Description

- org.joget.commons.util.FileStore
- Under wflow-commons module
- Utility class to retrieve plugin propertise value and i18n message

## Code Sample

```
import org.joget.commons.util.FileLimitException;
import org.joget.commons.util.FileStore;
import org.joget.commons.util.LogUtil;
import org.springframework.web.multipart.MultipartFile;

String uploadFieldName = "csvImport";

//Gets file
try {
    MultipartFile csvFile = FileStore.getFile(uploadFieldName);
} catch (FileLimitException e) {
    LogUtil.error("", e, "File received from " + uploadFieldName + " is exceeded file size limit of " +
FileStore.getFileSizeLimit() + "MB.");
}
```

## Methods

[clear](#)

```
public static void clear()
```

Method used by the system to clear the ThreadLocal object after a HTTP request is finish processing

[getFile](#)

```
public static org.springframework.web.multipart.MultipartFile getFile(java.lang.String name) throws org.
joget.commons.util.FileLimitException
```

Convenient method to retrieves the posted file in current HTTP request based on field name

[getFiles](#)

```
public static org.springframework.web.multipart.MultipartFile[] getFiles(java.lang.String name) throws org.
joget.commons.util.FileLimitException
```

Method to retrieves the posted files in current HTTP request based on field name

[getFileErrorList](#)

```
public static java.util.Collection<java.lang.String> getFileErrorList()
```

Gets a list of the field name which has file exceed the file limit in the current HTTP request

getFileMap

```
public static java.util.Map<java.lang.String, org.springframework.web.multipart.MultipartFile[]> getFileMap()
```

Gets all the posted files of the current HTTP request

**Return** a map of field name & its files

getFileNames

```
public static java.util.Iterator<java.lang.String> getFileNames()
```

Gets the Iterator of all upload field name of the current HTTP request

getFileSizeLimit

```
public static int getFileSizeLimit()
```

Get the file size limit of the system in MB

getFileSizeLimitLong

```
public static long getFileSizeLimitLong()
```

Get the file size limit of the system in byte

setFileMap

```
public static void setFileMap(java.util.Map<java.lang.String, org.springframework.web.multipart.MultipartFile[]> fileMap)
```

Sets the posted files in a HTTP request to a ThreadLocal object for temporary storing.

**Parameters**

fileMap - a map of field name & its files

updateFileSizeLimit

```
public static void updateFileSizeLimit()
```

Method call to refresh the file size limit based on system setting