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Exploring the JavaLoader Plugin

Overview

Loads External Java Classes, while providing access to ColdFusion classes.

Configuration

You can create a setting in your configuration file that the JavaLoader plugin will use to load java classes for you (`javaloader_libpath`).

```
settings = {
  javaloader_libpath = "includes/java"
};
```

This way once the application loads, all the jar files located in that path will be class loaded for you.

setStaticIDKey

override the static server key for this javaloader instance.

Returns

- This function returns *void*

Arguments

| Key | Type | Required | Default | Description |
|-------------|--------|----------|---------|-------------|
| staticIDKey | string | Yes | --- | |

Examples

getVersion

Retrieves the version of the loader you are using

Returns

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- This function returns *string*

Examples

create

Retrieves a reference to the java class. To create a instance, you must run `init()` on this object

Returns

- This function returns *any*

Arguments

| Key | Type | Required | Default | Description |
|-----------|--------|----------|---------|---------------------------------|
| className | string | Yes | --- | The name of the class to create |

Examples

queryJars

pulls a query of all the jars in the folder passed

Returns

- This function returns *array*

Arguments

| Key | Type | Required | Default | Description |
|---------|--------|----------|---------|-----------------------------|
| dirPath | string | Yes | | The directory path to query |
| filter | string | No | •.jar | The directory filter to use |

Examples

getStaticIDKey

Return the original server id static key

Returns

- This function returns *string*

Examples

getURLClassLoader

Returns the java.net.URLClassLoader in case you need access to it

Returns

- This function returns *any*

Examples

getLoadedURLs

Returns the paths of all the loaded java classes and resources.

Returns

- This function returns *array*

Examples

appendPaths

Appends a directory path of *.jar's,*.classes to the current loaded class loader.

Returns

- This function returns *void*

Arguments

| Key | Type | Required | Default | Description |
|---------|--------|----------|---------|-----------------------------|
| dirPath | string | Yes | | The directory path to query |
| filter | string | No | •.jar | The directory filter to use |

Examples

setup

Setup the URL loader with paths to load and how to treat class loaders

Returns

- This function returns *any*

Arguments

| Key | Type | Required | Default | Description |
|-------------------------|---------|----------|----------------------|--|
| loadPaths | array | No | [runtime expression] | An array of directories of classes, or paths to .jar files to load |
| loadColdFusionClassPath | boolean | No | false | Loads the ColdFusion libraries |
| parentClassLoader | any | No | | (Expert use only) The parent java.lang.ClassLoader to set when creating the URLClassLoader |

Examples