

cfschedule

Description

Provides a programmatic interface to the ColdFusion scheduling engine. You can run a specified page at scheduled intervals with the option to write out static HTML pages. This lets you offer users access to pages that publish data, such as reports, without forcing users to wait while a database transaction is performed in order to populate the data on the page. ColdFusion scheduled events are registered using the ColdFusion Administrator. Execution of cfschedule can be disabled in the Administrator. Information supplied by the user includes the scheduled ColdFusion page to execute, the time and frequency for executing the page, and whether the output from the task is published. If the output is published, a path and file are specified. The event submission and its success or failure status is written to the cfusion-log-schedule.log file.

Category

Other

Implemented

Usage Syntax

```
action="String"  
[serverpassword="String"]  
[hidden="Boolean"]  
[readonly="Boolean"]  
[task="String"]  
[operation="String"]  
[file="String"]  
[path="String"]  
[startDate="Any"]  
[startTime="Any"]  
[url="String"]  
[publish="Boolean"]  
[endDate="Any"]  
[endTime="Any"]  
[interval="String"]
```

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```
[requestTimeout="Any"]
[username="String"]
[password="String"]
[proxyServer="String"]
[proxyUser="String"]
[proxyPassword="String"]
[resolveURL="Boolean"]
[port="Any"]
[proxyPort="Any"]
[returnvariable="String"]
/>
```

[] = *Optional attribute*

Attributes

Name	Type	Required	Default	Description
action	String	Yes		
serverpassword	String	No		allow you to access filesystem, also when access is denied for your context
hidden	Boolean	No		
readonly	Boolean	No		
task	String	No		The name of the task to delete, update, or run.
operation	String	No		The type of operation the scheduler performs when executing this task.
file	String	No		Required with publish = 'Yes' A valid filename for the published file.
path	String	No		Required with publish = 'Yes' The path location for the published file.
startDate	Any	No		Required when action = 'update'. The date when scheduling of the task should start.
startTime	Any	No		Required when creating tasks with action = 'update'. Enter a value in seconds. The time when scheduling of the task starts.
url	String	No		Required when action = 'update'. The URL to be executed.
publish	Boolean	No		Specifies whether the result should be saved to a file.
endDate	Any	No		The date when the scheduled task ends.

endTime	Any	No	The time when the scheduled task ends. Enter a value in seconds.
interval	String	No	Required when creating tasks with action = 'update'. Interval at which task should be scheduled. Can be set in seconds or as Once, Daily, Weekly, and Monthly. The default interval is one hour. The minimum interval is one minute. Customizes the requestTimeout for the task operation. Can be used to extend the default timeout for operations that require more time to execute.
requestTimeout	Any	No	
username	String	No	Username if URL is protected.
password	String	No	Password if URL is protected.
proxyServer	String	No	Host name or IP address of a proxy server.
proxyUser	String	No	
proxyPassword	String	No	
resolveURL	Boolean	No	Specifies whether to resolve links in the result page to absolute references.
port	Any	No	The port number on the server from which the task is being scheduled. Default is 80. When used with resolveURL, the URLs of retrieved documents that specify a port number are automatically resolved to preserve links in the retrieved document.
proxyPort	Any	No	The port number on the proxy server from which the task is being requested. Default is 80. When used with resolveURL, the URLs of retrieved documents that specify a port number are automatically resolved to preserve links in the retrieved document.
returnvariable	String	No	return variable name of action list

Example Usage