Genesys Administrator Extension Developer's Guide

File I/O Elements

12/15/2025

File I/O Elements

File I/O elements enable files to be manipulated on a remote host. Files can be created, copied, edited, and deleted.

Contents

- <fileio:write>: Create a file with specified content.
- <fileio:copy>: Copy a file from one location to another.
- <fileio:edit>: Edit the contents of a file. Content can either be appended, or searched and replaced.
- <fileio:remove>: Remove/delete a file.

<fileio:copy>

Copy a file from one location to another location on the file system.

Attributes

Name	Type	Description	Default	Values
asAdmin	Boolean	If set to `true`, this action is performed as the root user.	false	—
data	object	This attribute can specify a JavaScript variable that contains a JSON representation of all attributes that are used or required to execute this action. It can be used instead of individually specifying all attributes.	—	—
fromFilename	string (required)	The source file on the file system to be copied.	—	—
gdaport	integer	Defines the GDA port on the target host to which to connect.	—	—
host	string (required)	Specifies the host `Configuration` object name upon which this task is to be performed.	—	—
result	string	Defines the name of a JavaScript variable that contains the result of the action. A value of "true" indicates success. A value of "false" indicates failure. Note: The execution is stopped if a failure occurs.	—	—

Name	Type	Description	Default	Values
toFilename	string (required)	The destination on the file system to which the file is to be copied.	—	—

<fileio:edit>

A directive to edit the contents of a file on the file system.

Attributes

Name	Type	Description	Default	Values
asAdmin	Boolean	If set to `true`, this action is performed as the root user.	false	—
content	string (required)	Specifies the new text or content to write into the file on the file system.	—	—
data	object	This attribute can specify a JavaScript variable that contains a JSON representation of all attributes that are used or required to execute this action. It can be used instead of individually specifying all attributes.	—	—
filename	string (required)	The name of the file on the file system to be modified.	—	—
gdaport	integer	Defines the GDA port on the target host to which to connect.	—	—
host	string (required)	Specifies the host Configuration object name upon which this task is to be performed.	—	—
mode	string	Specifies the edit mode. The `replace` value means that the content of **searchtext** is replaced with the	append	append, replace

Name	Type	Description	Default	Values
		content in the **content** attribute. The append value means that the content in the **content** attribute is appended to the end of the file.		
result	string	Defines the name of a JavaScript variable that contains the result of the action. A value of "true" indicates success. A value of "false" indicates failure. Note: The execution is stopped if a failure occurs.	—	—
searchtext	string	Specifies the text for which to search for if mode="replace" is specified.	—	—
skipIfContentExists	Boolean	If set to true, the file is first searched for content of the **content** attribute. If it is already present, then the file edit operation is skipped.	false	—

<fileio:remove>

A directive to remove/delete a file on the file system.

Attributes

Name	Type	Description	Default	Values
asAdmin	Boolean	If set to true, this action is performed as the root user.	false	—
data	object	This attribute can specify a JavaScript variable that contains a JSON representation of all attributes that are used or required to execute this action. It can be used instead of individually specifying all attributes.	—	—

Name	Type	Description	Default	Values
filename	string (required)	The name of the file on the file system to be deleted.	—	—
gdaport	integer	Defines the GDA port on the target host to which to connect.	—	—
host	string (required)	Specifies the host Configuration object name upon which this task is to be performed.	—	—
result	string	Defines the name of a JavaScript variable that contains the result of the action. A value of "true" indicates success. A value of "false" indicates failure. Note: The execution is stopped if a failure occurs.	—	—

<fileio:write>

A directive to create a file on the file system.

Attributes

Name	Type	Description	Default	Values
asAdmin	Boolean	If set to true, this action is performed as the root user.	false	—
content	string	Specifies the content to be written to the file on the file system.	—	—
contentfile	string	Specifies the name of a file on the file system which contains the content to be written to the file.	—	—
data	object	This attribute can specify a JavaScript variable that contains a JSON representation of	—	—

Name	Type	Description	Default	Values
		all attributes that are used or required to execute this action. It can be used instead of individually specifying all attributes.		
filename	string (required)	The name of the file to be written on the file system.	—	—
gdaport	integer	Defines the GDA port on the target host to which to connect.	—	—
host	string (required)	Specifies the host Configuration object name upon which this task is to be performed.	—	—
result	string	Defines the name of a JavaScript variable that contains the result of the action. A value of "true" indicates success. A value of "false" indicates failure. Note: The execution is stopped if a failure occurs.	—	—