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# Genesys Administrator Extension Developer's Guide

File I/O Elements

# 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.

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- `<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. <b>Note:</b> Starting from Local Control Agent 8.5.100.31, Genesys Deployment Agent (GDA) is no longer installed and supported as part of Management Framework and therefore all functionality using GDA (including the installation of IPs) is deprecated.	—	—
host	string (required)	Specifies the host Configuration object name upon which this task is to be performed.	—	—

Name	Type	Description	Default	Values
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.	—	—
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. <b>Note:</b> Starting from	—	—

Name	Type	Description	Default	Values
		Local Control Agent 8.5.100.31, Genesys Deployment Agent (GDA) is no longer installed and supported as part of Management Framework and therefore all functionality using GDA (including the installation of IPs) is deprecated.		
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 <b>searchtext</b> is replaced with the content in the <b>content</b> attribute. The append value means that the content in the <b>content</b> attribute is appended to the end of the file.	append	append, replace
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 <b>content</b> 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.	—	—
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. <b>Note:</b> Starting from Local Control Agent 8.5.100.31, Genesys Deployment Agent (GDA) is no longer installed and supported as part of Management Framework and therefore all functionality using GDA (including the installation of IPs) is deprecated.	—	—
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	—	—

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Name	Type	Description	Default	Values
		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 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. <b>Note:</b> Starting from Local Control Agent 8.5.100.31, Genesys Deployment Agent (GDA) is no longer installed and supported as part of Management Framework and therefore all	—	—

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Name	Type	Description	Default	Values
		functionality using GDA (including the installation of IPs) is deprecated.		
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.	—	—