

Resource Utilities Plugin

Introduction

This plugin provides steps that facilitate operations across sections of the resource tree. It is intended that this plugin will supplement the existing functions provided by the IBM supplied plugin called 'IBM UrbanCode Deploy Resources'. The resource utilities plugin steps documented here are to be found in a folder called 'Utilities' under the IBM UrbanCode Deploy/Resources folder in the component process step palette.

The functions provided in this plugin are:

List resources – display information about the hierarchy of resources from a specific root point.

Find resources with properties that have missing values – display resources for which there are resource properties or resource role properties with missing values.

Search and report property values – Find resources with resource properties or resource role properties of a specific name and report the value of the property.

List Resources

Display information about the resources under a specified resource in the tree. Optionally list information about each resource.

Name	Type	Description	Required
Resource tree root	Text box	The resource tree node from which the list is to be generated	Yes
Name filter	Text box	Restrict the resources reported to just those that contain the filter word	No
Path type	Select Box	The method for reporting the path of a resource: Relative – Display a path relative to the resource tree root Full – Display a full resource tree path from the resource tree root.	Yes
Include properties	Check box	Include resource and resource role properties	No
Include security	Check box	Include security and impersonation properties	No
Include further details	Check box	Include other properties such as description, status, type, etc.	No
Output filename	Text box	The name of a file to hold the generated output	No
Output to window	Check box	Include results of the command in the step results command window	No

Notes

- One of the fields 'Output filename' or 'Output to Window' must be specified otherwise the generated content will not be displayed anywhere.

Find Resources with properties that have missing values

Display resources for which there are resource properties or resource role properties with missing values.

Name	Type	Description	Required
Resource tree root	Text box	The resource tree node from which the list is to be generated	Yes
Name filter	Text box	Restrict the resources reported to just those that contain the filter word	No
Path type	Select Box	The method for reporting the path of a resource: Relative – Display a path relative to the resource tree root Full – Display a full resource tree path from the resource tree root.	Yes
Resource properties	Check box	Look for resource properties with missing values	No
Resource role properties	Check box	Look for resource role properties with missing values	No
Output filename	Text box	The name of a file to hold the generated output	No
Output to window	Check box	Include results of the command in the step results command window	No

Notes

- One of the fields 'Output filename' or 'Output to Window' must be specified otherwise the generated content will not be displayed anywhere.
- One of the options 'Resource properties' or 'Resource role properties' must be selected otherwise there is nothing to look for.

Search and report property values

Find resources with resource properties or resource role properties of a specific name and report the value of the property.

Name	Type	Description	Required
Resource tree root	Text box	The resource tree node from which the list is to be generated	Yes
Name filter	Text box	Restrict the resources reported to just those that contain the filter word	No
Path type	Select Box	The method for reporting the path of a resource: Relative – Display a path relative to the resource tree root Full – Display a full resource tree path from the resource tree root.	Yes
Search term	Text box	The property name (or part of property name) to find	Yes
Output filename	Text box	The name of a file to hold the generated output	No
Output to window	Check box	Include results of the command in the step results command window	No

Notes

- One of the fields 'Output filename' or 'Output to Window' must be specified otherwise the generated content will not be displayed anywhere.