

nodeset

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1. Description

The nodeset type specifies filtering options used by the `nodedispach` execution strategy of [execute](#) action for the [controller](#) task.

2. nodeset

Attribute	Description	Required
keepgoing	if an error continues continue other executions	No (default false)
threadcount	Number of threads to execute dispatch	No. (default "1")

3. elements

Element	Description	Required
include	Include filter pattern	No
exclude	Exclude filter pattern	No

4. Include/Exclude filter attributes

The values allowed for each of these attributes can be a literal value, a comma separated list or a Java style regular expression.

The attribute tags can also use boolean operators to specify additional set logic.

The `dominant` attribute declares whether the Include or Exclude element takes precedence in the case that a node matches both filters. E.g. When Exclude is dominant (the default), and `osfamily` is set to "unix", then all nodes that are Unix will be excluded, even if a specific filter in the Include element may match some Unix nodes.

Attribute	Description	Required
hostname	Node hostname value, which may be formatted as <code>username@hostname</code> . E.g. "dev01", "user1@host2.test.com"	No
osarch	Node os-arch value. E.g. "x86", "x386"	No

osfamily	Node os-family value. E.g. "unix","windows"	No
osname	Node os-name value. E.g. "Macintosh OS X", "Windows NT", "Linux"	No
osversion	Node os-version value	No
tags	Tag names. When specifying more than one tag, use the comma (",") to specify a boolean OR operation, and a plus-sign "+" to specify a boolean AND operation. E.g. To require both tags "alpha" and "beta", specify "alpha+beta". This will match nodes that have both tags only. To match any nodes that have one or the other tags, use "alpha,beta". Thus "alpha,beta+gamma" will match nodes with either the the tag "alpha", or both tags "beta" and "gamma".	No
name	Node name value. This is the name of the object	No
type	Node type name. This is the name of the node type, typically the base type "Node".	No
dominant	Boolean specifying if this filter should take precedence over the other.	No (default false for Include, and true for Exclude)

5. Examples

```

<nodeset keepgoing="\${opts.keepgoing}"
threadCount="\${opts.threadCount}">
  <include hostname="\${opts.node-hostname}"
name="\${opts.node-name}"
tags="\${opts.node-tags}"
osfamily="\${opts.node-os-family}"
osarch="\${opts.node-os-arch}"
osversion="\${opts.node-os-version}"

```

```
osname="${opts.node-os-name}"
type="${opts.node-type}"
dominant="${opts.node-dominant}"
/>
<exclude hostname="${opts.xnode-hostname}"
name="${opts.xnode-name}"
tags="${opts.xnode-tags}"
osfamily="${opts.xnode-os-family}"
osarch="${opts.xnode-os-arch}"
osversion="${opts.xnode-os-version}"
osname="${opts.xnode-os-name}"
type="${opts.xnode-type}"
dominant="${opts.xnode-dominant}"
/>
</nodeset>
```