

Property-Default

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1. Description

Sets a property to the value of a specified property or specified default value if the other does not exist.

2. Parameters

Attribute	Description	Required
property	The name of the property to set	Yes
from	The name of the property you wish to set the value from. Embedded property references will be expanded.	Yes (unless propertylist element is set)
default	The default value to set <code>property</code> if no value can be used given "from" property or <code>propertylist</code> . Embedded property references will be expanded.	No
ignoremalformed	Boolean setting specifying if malformed values should be ignored. Malformed values are those that contain the pattern <code>{ . * }</code> after property names have been expanded. If set true, then <code>property</code> will not be set. If false, then <code>property</code> will be set to the value containing the malformed value.	No (default "false")
override	If the property is already set, should we change it's value. Can be <code>true</code> or <code>false</code>	No (defaults to "false")

3. Parameters specified as nested elements

propertylist

Contains a list of property names to set the default. Mutually, exclusive with the `from` attribute. The property will be defaulted to the first valid (i.e., not malformed) property in the list. If no valid property is in the list, then the value will be set to the `default` attribute if

one exists otherwise no default is defined and property remains unset.

Attribute	Description	Required
names	Delimited list of property names	Yes
delimiter	List delimiter	No. (defaults to ",")

```
<propertylist names="name1,name2,...,nameN" delimiter=","/>
```

4. Examples

Set `opts.port` from the property, `alt_httpPort`, if that property exists otherwise set it to 80.

```
<property name="alt_httpPort" value="8080"/>
<property-default
  property="opts.port"
  from="alt_httpPort"
  default="80"/>
```

Set the property `cmd.foo` from the first existing property in the propertylist.

```
<property-default property="cmd.foo">
  <propertylist
    names="opts.foo,entity.attribute.foo"/>
</property-default>
```

The next example attempts to set property `cmd.X` from a property that has a non-existent value. Since no default attribute was set, `cmd.X` should remain unset.

```
<property name="x" value="{nonExistent}"/>
<property-default
  property="cmd.X"
  from="x"
  ignoremalformed="true"/>
<fail if="cmd.X">this should not fail</fail>
```