

# Transform

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## 1. Description

Transform dynamically performs a transformation of some entity in the workbench using a template and context constraints specified.

The Transform element may contain a [template](#) element to have the document dynamically generated via that template. Otherwise, if no Template element is present, the generated document will be the XML view representation for the specified [context](#) element.

The "destdir" and "destfile" attributes specify where the downloaded content should be written to.

## 2. Parameters

| Attribute      | Description  | Required |
|----------------|--|----------|
| depot          | The project to update  | Yes      |
| resultproperty | Property to set with success/fail value  | Yes      |
| comment        | Text describing purpose of update  | Yes      |
| passfile       | File containing authentication info to server. If passfile is not specified, information from the <a href="#">framework.properties</a> file is used instead. | No       |
| destdir        | Directory where destfile should be stored.   | Yes      |
| destfile       | File where transform results should be stored.   | Yes      |

## 3. Parameters specified as nested elements

### template

A [template](#).

### context

A [context](#).

## 4. Examples

Run a transform on the fly.

```
<transform
  serverurl="${viewdoc.server}"
  depot="${entity.depot}"
  resultproperty="rs"
  comment="something re this update"
  destdir="${entity.instance.dir}/"
  destfile="something.test.out"
  >
  <context direction="internal" proximity="1"
maprefuri="${entity.mapref-uri}"/>
  <template file="${templateFile}" dir="/pkgs" type="simple"/>
</transform>
```

Run a transform with no template specified. This returns a view in an XML document.

```
<transform
  serverurl="${viewdoc.server}"
  depot="${entity.depot}"
  resultproperty="rs"
  comment="something re this update"
  destdir="${entity.instance.dir}/"
  destfile="something.test.out"
  >
  <context direction="internal" proximity="1"
maprefuri="${entity.mapref-uri}"/>
</transform>
```