

# exists

## Command Reference

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## 1. Description

*Checks if an object exists*

Looks up the object in the specified project depot. Objects are specified by name and type. If a matching object is found, then the value "true" is printed to the console. If the object is not found the value "false" is printed.

If the `assert` parameter is specified then the command will fail if the stipulated test is not true.

*static:* This command can be run outside of an object context.

## 2. Usage

```
ctl -m modelutil -c exists [-assert <>] -depot <> -name <>
-type <>
```

### 2.1. Options

Option	Description	Type	Default
<code>assert</code>	<i>assert the condition. true or false</i> Fail the command if the assertion is not met. <ul style="list-style-type: none"> <li>• true: Fail if the object does not exist</li> <li>• false: Fail if the object does exist</li> </ul>	string	
<code>depot</code>	<i>project depot name</i>	string	<code>\${context.depot}</code>
<code>name</code>	<i>logical node name</i>	string	
<code>type</code>	<i>the node type</i>	string	

## 3. Examples

Check if the Node object exists. (it does)

```
ctl -p demo -m modelutil -c exists -- -type Node -name strongbad
```

returns: true

*exists*

Check if the Node object exists. (it does not)

```
ctl -p demo -m modelutil -c exists -- -type Node -name bogushaha
```

returns: false

The exists command also accepts the `assert` parameter. This option can take true or false as its argument. It will cause the command to fail if the condition is not met.

```
ctl -p demo -m modelutil -c exists -- -type Node -name strongbad -assert true
```

returns: true

Run the same command but assert that the node does not exist

```
ctl -p demo -m modelutil -c exists -- -type Node -name strongbad -assert false
```

returns: Command failed: object does exist

Check if the Node object does not exist. (it does not)

```
ctl -p demo -m modelutil -c exists -- -type Node -name bogushaha -assert false
```

returns: false

Check if the Node object does not exist but assert that it should

```
ctl -p demo -m modelutil -c exists -- -type Node -name bogushaha -assert true
```

returns: object does not exist