

# exec

## Command Reference

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## 1. Description

*executes a command*

Executes a script. The executable program to interpret the script must be specified with the `-executable` option. The script can be specified with the `-script`, `-scriptfile` or `-scripturl` options.

For all of the script source options, the script that is executed is first interpreted to expand both Ant property references of the form `${propertyname}` and Ant filters of the form `@propertyname@`. The properties available are the properties available to command handlers. If the `exec` command is executed in a static context, then the properties are the static context properties. If it is executed in an object context (e.g. dispatched via the [Deployment](#) `exec` command) then the object context properties are available, including attributes, etc.

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

## 2. Usage

```
ctl -m shellutil -c exec [-argline <>] -executable <>
[-exportprops <^(?:opts|context|entity|framework|setting).*>]
[-failonerror <true>] [-os <>] [-output <>] [-script <>]
[-scriptfile <>] [-scripturl <>]
```

### 2.1. Options

Option	Description	Type	Default
<code>argline</code>	<i>arguments to pass</i> The argline will be passed to executable if no scriptfile or scripturl is specified. Otherwise, the argline is passed to the scriptfile/scripturl.	string	
<code>executable</code>	<i>executable path</i>	string	
<code>exportprops</code>	<i>properties to export as environment variables</i> Maps property data to environment variables.	string	<code>^(?:opts context entity framework setting).*&gt;</code>

	<p>Property names are mapped to environment variables using these formatting rules: Dots (".") are translated to underscores ("_") and all characters are capitalized.</p> <p>You can filter specific sets of properties based on regex pattern. By default option, context, and entity properties are exported via this regex pattern:  <code>^(?:opts context e</code></p> <p>Since 3.4.7</p>		
failonerror	<i>fail if there is an error (true/false).</i>	string	true
os	<i>list of Operating Systems on which the command may be executed.</i>	string	
output	<i>Name of a file to which to write the output. If the error stream is not also redirected to a file or property, it will appear in this output.</i>	string	
script	<i>script to execute</i>	string	
scriptfile	<i>scriptfile to execute</i>	string	
scripturl	<i>URL of a script to execute, supporting the dav:// protocol</i>	string	