



# **General PowerShell and Perl conventions for WFA**

OnCommand Workflow Automation 5.0

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# General PowerShell and Perl conventions for WFA

You must understand certain PowerShell and Perl conventions that are used in WFA to create scripts that are consistent with existing scripts.

- Use variables that help to clarify what you want the script to do.
- Write readable code that can be understood without comments.
- Keep the scripts and commands as simple as possible.
- For PowerShell scripts:
  - Use cmdlets whenever possible.
  - Invoke .NET code when there is no cmdlet available.
- For Perl scripts:
  - Always end “die” statements with newline characters.

In the absence of a newline character, the script line number is printed, which is not useful for debugging Perl commands executed by WFA.

- In the “GetOpt” module, make the string arguments to a command mandatory.

## Perl modules bundled with Windows

Some Perl modules are bundled with the Windows Active state Perl distribution for OnCommand Workflow Automation (WFA). You can use these Perl modules in your Perl code for writing commands, only if they are bundled with Windows.

The following table lists the Perl database modules that are bundled with Windows for WFA.

Database module	Description
DBD::mysql	Perl5 database interface driver that enables you to connect to the MySQL database.
Try::Tiny	Minimizes common mistakes with evaluation blocks.
XML::LibXML	Interface to libxml2 that provides XML and HTML parsers with DOM, SAX, and XMLReader interfaces.
DBD::Cassandra	Perl5 database interface driver for Cassandra that uses the CQL3 query language.

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