



General PowerShell and Perl conventions for WFA

OnCommand Workflow Automation 5.1

NetApp
May 03, 2022

Table of Contents

- General PowerShell and Perl conventions for WFA..... 1
- Perl modules bundled with Windows 1

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.

Copyright Information

Copyright © 2022 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system- without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.