



A Cotocus Pvt. Ltd. Unit

POWERSHELL TRAINING

Level - Intermediate

FEB 1, 2021

AGENDA

DAY 1

- OVERVIEW AND POWERSHELL PRIMER
 - DASHF
 - ASDFASDF
 - POWERSHELL ENVIRONMENTS
 - EXPRESSIONS AND VARIABLES
 - FLOW CONTROL
 - DISCOVER STUFF USING HELP

- FINDING COMMANDS AND MAKING MISTAKES
 - PIPELINES
 - MEMBERS, WHERE-OBJECT, AND FOREACH-OBJECT
 - SCRIPTS AND EXECUTION POLICY
 - MODULE SUMMARY
 - GET-HELP
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- CUTTING CORNERS IN WINDOWS EXPLORER PRIMER
 - LOCATION, LOCATION, LOCATION
 - POWERSHELL DRIVES
 - INVOKE-ITEM
 - DEMO: PUSH-PROJECT
 - FUNCTIONS
 - PROFILES
 - PROFILES AND HOSTS
 - PUSH-PROJECT SUMMARY
 - MODULE SUMMARY
 - GET-HELP

DAY 2

(USING .NET FROM POWERSHELL) LOCATION, LOCATION, LOCATION

- CREATING OBJECTS
- REFERENCING TYPES
- USING STATIC MEMBERS

- USING INSTANCE MEMBERS
- HANDLING EVENTS
- MORE HANDLING EVENTS
- LOADING ASSEMBLIES
- SUMMARY
- DEMO: SANDBAGGING AUTOMATION
- THE CONVERTTO-SANDBAGS.PS1 SCRIPT
- DEMO: SANDBAGGING AUTOMATION REVISITED
- GET-HELP

(CREATING A RICH MERCURIAL ENVIRONMENT IN POWERSHELL)

- LOCATION, LOCATION, LOCATION
- POWERSHELL DRIVES
- INVOKE-ITEM
- DEMO: PUSH-PROJECT
- FUNCTIONS
- PROFILES
- PROFILES AND HOSTS
- PUSH-PROJECT SUMMARY
- MODULE SUMMARY
- GET-HELP

DAY 3

- POWERSHELL COMMANDS VS. CONSOLE APPLICATIONS
- USING CONSOLE APPLICATIONS IN POWERSHELL
- CAPTURING COMMANDS AS POWERSHELL FUNCTIONS
- SUPPORTING PIPELINE OPERATIONS IN FUNCTIONS

- CUSTOMIZING THE POWERSHELL PROMPT
- A MERCURIAL-AWARE PROMPT
- AUTOMATING BISECTIONS - INTRODUCTION
- AUTOMATING BISECTIONS - THE FIND-HGCHANGESET FUNCTION
- THE HG POWERSHELL MODULE
- MODULE SUMMARY