



Version Control for IT Professionals


















Jason Hofferle
www.hofferle.com

Version Control, Revision Control, Source Control

Track changes made to files

Merge changes made by different people

```
6 #
7 #Script Version: 11 May 2010 REV1
8 #Script Version: 13 Sep 2010 Rev2
9 #Script Version: 16 sep 2010 Rev3 - 9:02 PM - Rem out SCert_Removal.ps1 from copy
10 #Script Version: 29 Oct 2010 Rev4 - 1:48 PM - Added Copy "X:\*.a", "T:\"
11 #Script Version: 01 Nov 2010 Rev5 - 2:00 PM - Added copy of ie8.txt, IE8.ps1 and rem out Rev. 4 changes
12 #Script Version: 02 Feb 2011 Rev6 - 12:02 pm - Added GlobalOptions Registry to copy to T:\
13 #Script Version: 04 Feb 2011 Rev7 - 7:28 am - Slight wording change on selection for notebook/netbook
14 #Script Version: 22 Mar 2011 Rev8 - 9:06 am - Added support for DomainJoin script.
15 #Script Version: 24 Mar 2011 Rev9 - 6:45 am - Replaced except.inf with Exceptions.inf and Exceptions.txt
16 #Script Version: 19 Apr 2011 Rev10 - 10:36 am - Added and Remarkd copy of Setup.msi to C:\Silent
17 #
```

Name	Date modified	Type	Size
 logon_rev17.vbs	5/25/2006 12:11 PM	VBScript Script File	14 KB
 logon_rev18.txt	5/31/2006 11:45 AM	Text Document	14 KB
 logon_rev18.vbs	5/31/2006 11:45 AM	VBScript Script File	14 KB
 logon_rev19.vbs	6/6/2006 9:44 AM	VBScript Script File	15 KB
 logon_rev20.txt	6/6/2006 10:07 AM	Text Document	15 KB
 logon_rev20.vbs	6/6/2006 10:07 AM	VBScript Script File	15 KB
 logon_rev21.vbs	6/9/2006 7:32 AM	VBScript Script File	15 KB
 logon_rev22.vbs	6/9/2006 9:16 AM	VBScript Script File	15 KB
 logon_rev23.vbs	6/13/2006 11:50 AM	VBScript Script File	15 KB
 logon_rev24.vbs	6/15/2006 12:49 PM	VBScript Script File	15 KB
 logon_rev25.vbs	6/20/2006 1:03 PM	VBScript Script File	16 KB
 logon_rev26.vbs	6/30/2006 11:32 AM	VBScript Script File	16 KB
 logon_rev27.vbs	7/3/2006 11:07 AM	VBScript Script File	16 KB
 logon_rev28.vbs	7/17/2006 8:11 AM	VBScript Script File	16 KB
 logon_rev29.vbs	7/17/2006 9:14 AM	VBScript Script File	16 KB
 logon_rev30.vbs	7/24/2006 2:30 PM	VBScript Script File	16 KB
 logon_rev31.vbs	7/24/2006 2:31 PM	VBScript Script File	16 KB

Distributed Version Control

Central server not required

Everyone gets their own repository

Committing is different from giving your changes to the world

Changesets instead of file revisions

Basic Workflow

Make some changes

See if they work

If they do, commit them

If they don't, revert them

Repeat

Team Workflow

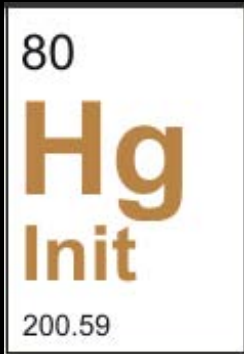
Pull Changes from Remote Repository

Merge Changes with Local Repository

Test

Commit Changes

Push to Remote Repository



Hg Init: a Mercurial tutorial
<http://hginit.com/>



Mercurial is a free, distributed source control management tool
<http://mercurial.selenic.com/>



Kiln: Power Tools for Version Control
<http://www.fogcreek.com/kiln/>



TortoiseHg
<http://tortoisehg.bitbucket.org/>