

Drush Installation Guide

Overview

Drush is a command line shell and scripting interface for Drupal. The purpose of this installer is to copy all required Drush files and third party components that Drush is referencing. The installer works on Windows OS. Optionally the installer configures Windows Remote Management and environment settings.

Licensing

Drush Installer installs and/or uses the following components. Please refer each corresponding URL for more information about its licensing.

Drush - <http://drupal.org/project/drush>

GnuWin32 - <http://gnuwin32.sourceforge.net> (including BZip2, Gzip, Less, Libarchive, Libiconv, Libintl, OpenSSL, Pcre, Tar, Wget, Zlib)

PHP - <http://windows.php.net>

cwRsync - <http://www.itefix.no/i2/node/10650>

WiX Tool - <http://wix.sourceforge.net/>

Setting the PATH Environment Variable

Drush makes calls to executables without specifying full path to their location. In order to resolve the correct location, their full path should be included in %PATH% environment variable. This can be done by either installing the Register Environment Variables feature, or by running the Drush Command Prompt located on user's desktop when installer completes.

Run As Administrator

IMPORTANT: Selecting Configure Windows Remote Management feature on systems that has User Access Control enabled requires running installer with elevated privileges. This can be done by right clicking on the MSI file and select Run As Administrator. This is required step for system having User Access Control enabled. Failure to do so will make WinRM configuration commands to fail due to MSI impersonation restrictions.

System Requirements

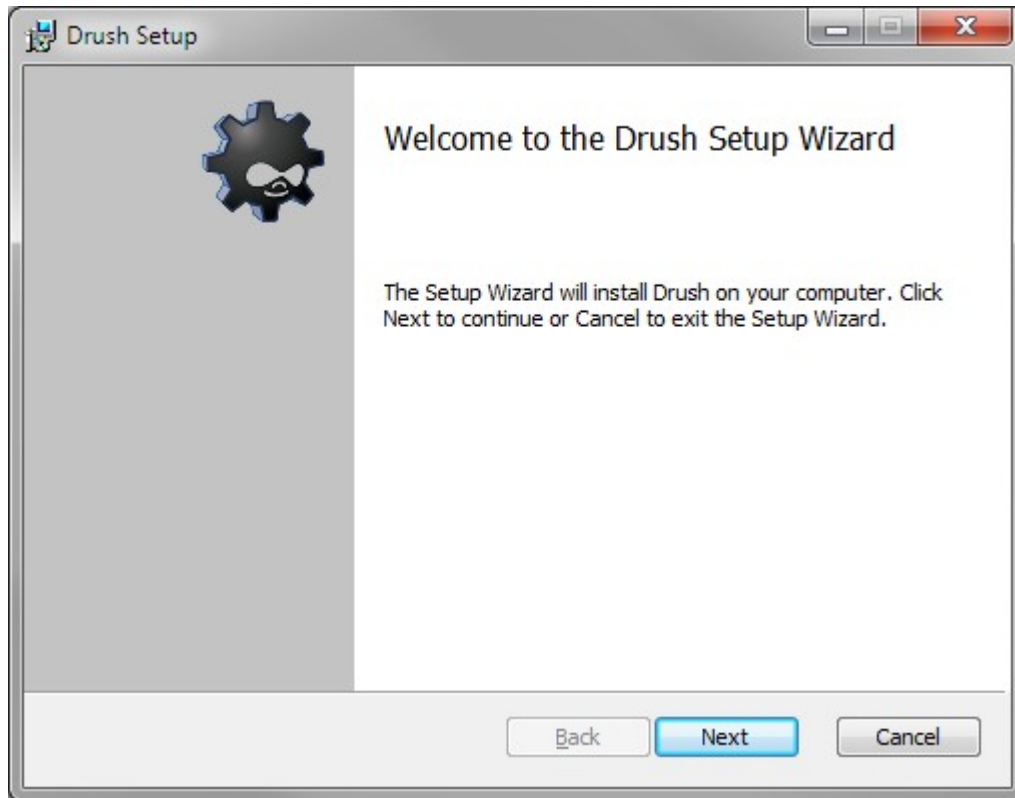
Support Operating Systems: Windows 7, Windows Vista SP2, Windows XP SP3+, Windows Server 2003 SP2+, Windows Server 2008, Windows Server 2008 R2.

Hard disk: 100MB free space

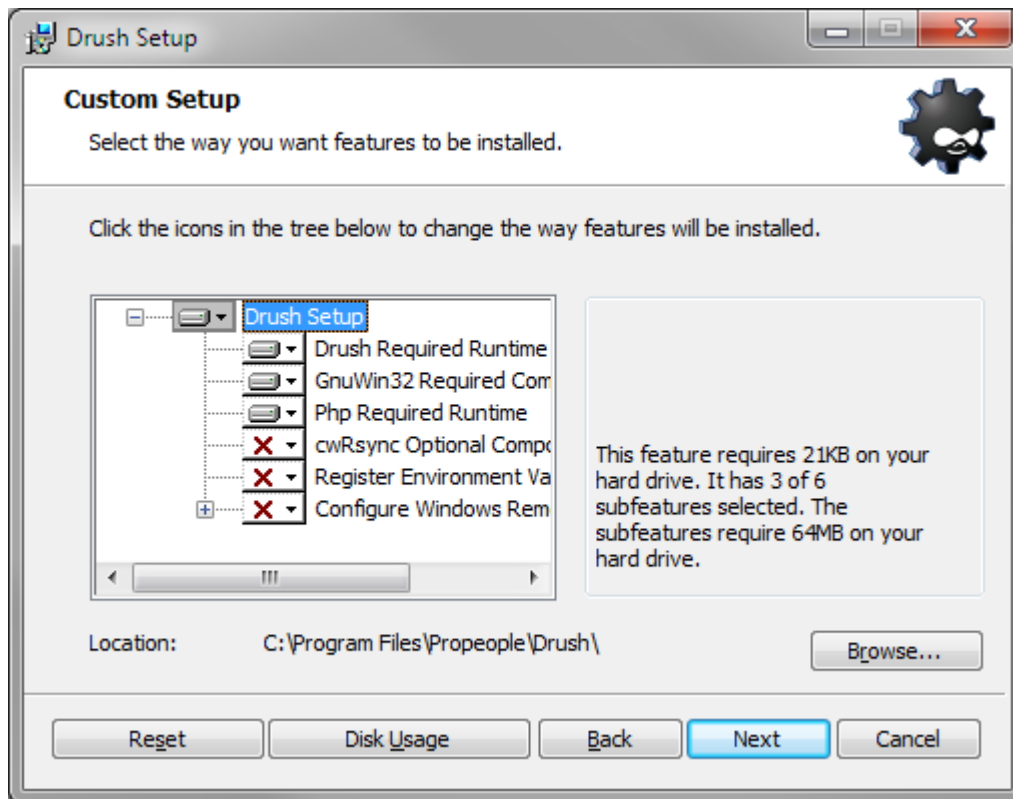
You must have administrator privileges on your computer to run the Drush Installer.

Installation steps

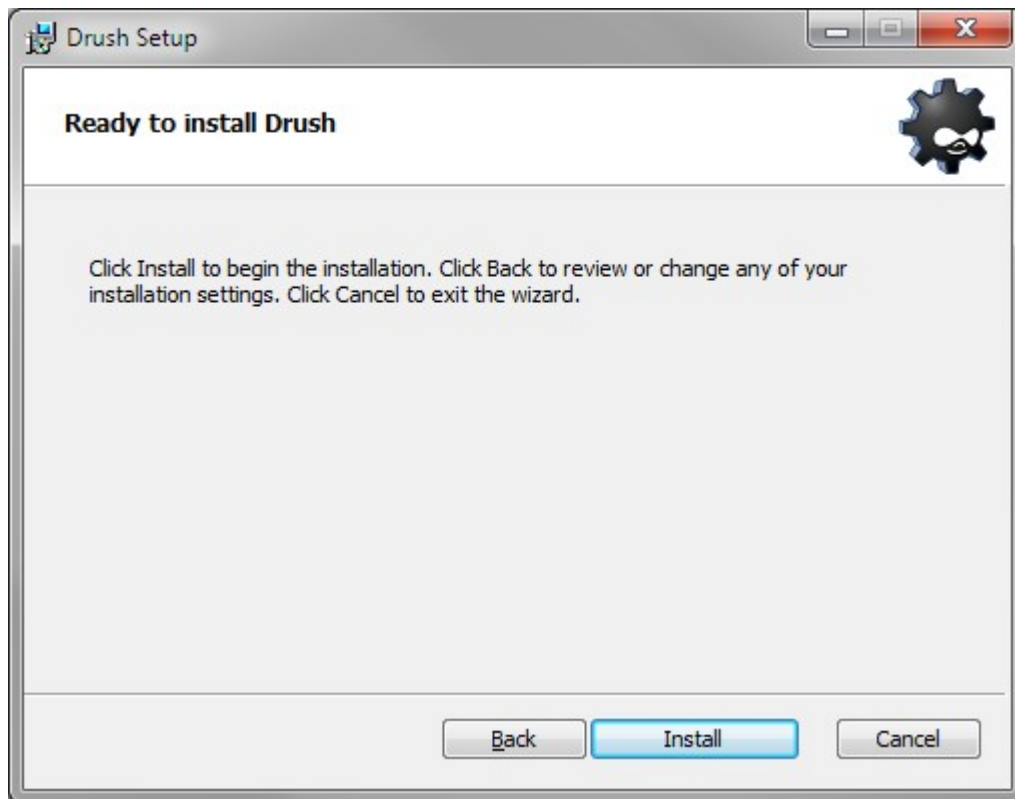
1. Run DrushSetup.msi
2. Click Next on the Welcome page



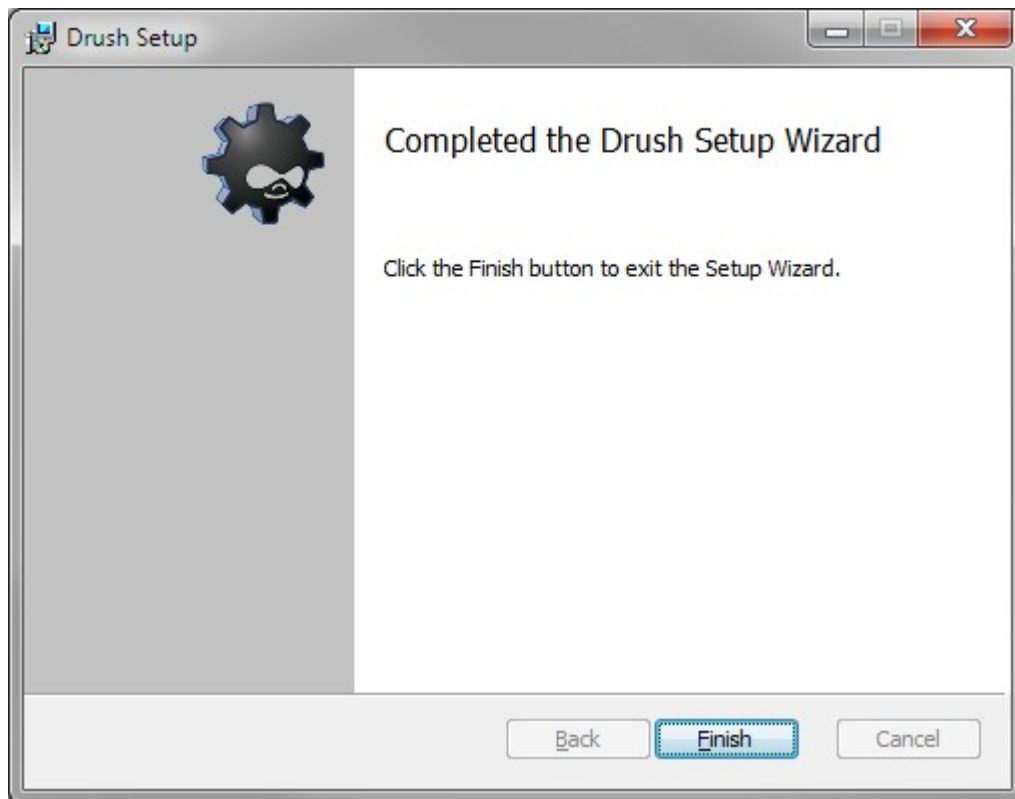
3. Select features to install. See section Drush Installer Features below.
IMPORTANT: If you select Configure Windows Remote Management feature, make sure that you run the installer using Run As Administrator option.



4. Click Install to proceed with installation



5. Click Yes if prompted to run as Administrator
6. Click Finish to complete the installation



Drush Installer Features

Drush Required Runtime

This feature installs all Drush source files and places them in %ProgramData%\Propeople\Drush folder. It is a required feature and is always installed.

GnuWin32 Required Components

This feature installs the GnuWin32 components below and places them in %ProgramFiles%\Propeople\Drush\GnuWin32. GnuWin32 tools are required for Drush to work on Windows. Drush makes calls to GnuWin32 tools without specifying full path to their location. In order to resolve the correct location, their full path should be included in %PATH% environment variable. This can be done by either installing the Register Environment Variables feature, or by running the Drush Command Prompt located on user's desktop when installer completes.

Php Required Runtime

This feature installs PHP runtime in folder %ProgramFiles%\Propeople\Drush\Php. Drush makes calls to PHP runtime without specifying full path to its location. In order to resolve the correct location, its full path should be included in %PATH% environment variable. This can be done by either installing the Register Environment Variables feature, or by running the Drush Command Prompt located on user's desktop when installer completes.

There are pretty good chances that PHP runtime is already installed on user's machine if you have used Web Platform Installer to install Drupal. However there is no a safe way to detect if PHP runtime is already installed. If PHP runtime is already installed on user machine and its full path can be resolved, you do not need to install this feature. Also make sure that a recent version of the PHP runtime is being used. A minimum version of 5.2 is required. Run `php.exe -v` see PHP runtime version.

cwRsync Optional Components

This feature installs cwRsync in folder `%ProgramFiles%\Propeople\Drush\cwRsync`. It adds support for rsync command that is used for remote command invocation when Windows calls Linux/Unix server.

Register Environment Variables

This feature adds full path of all installed features to PATH environment variable. Pay attention that Windows has a limit of environment variables total length of 2047 characters as described in [KB830473](#). If you exceed this length, some or all paths to Drush components will not be added and will make Drush not operational. In such case you can use Drush Command Prompt that gets installed on your desktop to start new command prompt. Drush Command Prompt simply runs new command prompt and executes DrushEnv.bat to set all required paths. If PATH still gets truncated, run new Command Prompt window and remove all unnecessary PATH values. Then run DrushEnv.bat to set all Drush required paths.

Configure Windows Remote Management

This feature enables remote command invocation from Windows client (where Drush is being installed) to a Windows Server (where Drupal is hosted). Manual configuration of WinRM can be performed by running WinRMConfig.bat file located in `%ProgramFiles%\Propeople\Drush`. In this case this feature need not to be installed. This feature has also a sub-feature called Accept incoming requests. It should be enabled when installing Drush on Windows Server hosting the Drupal installation. It enables incoming connections and allows remote Drush commands to be sent to the server. By default WinRM remote connections are enabled over HTTP port 80 using WinRM Compatibility Http Listener. Port can be changed by either setting WINRMPORT property of the MSI installer or by calling WinRMConfig.bat [port number]. Read [Installation and Configuration for Windows Remote Management](#) for more information on how to configure WinRM.