

Download Deployer

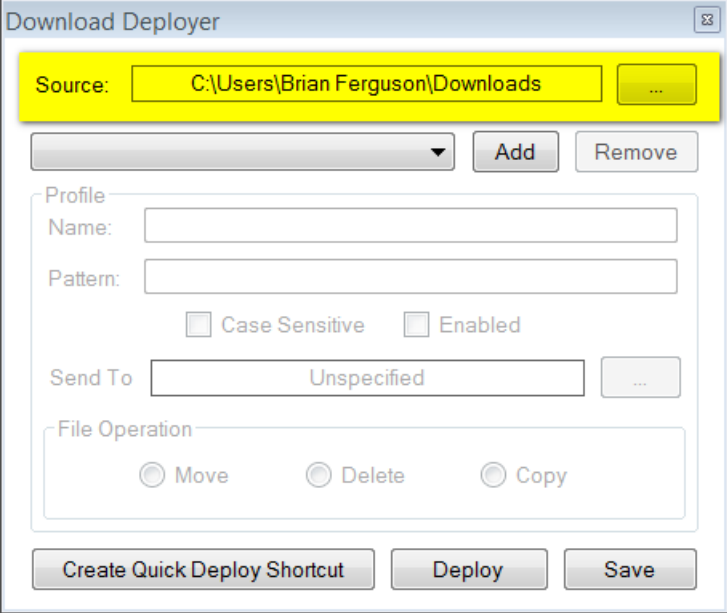


User Guide

Introduction

Download Deployer is a user programmable windows forms application that allows the user to send downloads to their appropriate directory with a click of the button. The program is designed for those who download many things to a single directory. It is desirable to download files to a single directory before sorting them. In this way the files can be looked at by the user quickly and the user will always know where the downloads go without thinking.

Many programs will automatically save files to a directory called "Downloads" in "My Documents" for XP and the user directory for vista/7. If this directory is found, the program will automatically set it as the source. A general source and a destination must be specified for a profile to be used.



The screenshot shows the 'Download Deployer' application window. The 'Source' field is highlighted in yellow and contains the path 'C:\Users\Brian Ferguson\Downloads'. Below this is a dropdown menu with a downward arrow, and 'Add' and 'Remove' buttons. The 'Profile' section includes a 'Name' field, a 'Pattern' field, and two checkboxes: 'Case Sensitive' and 'Enabled'. The 'Send To' field is set to 'Unspecified' with a browse button. The 'File Operation' section has three radio buttons: 'Move' (selected), 'Delete', and 'Copy'. At the bottom are three buttons: 'Create Quick Deploy Shortcut', 'Deploy', and 'Save'.

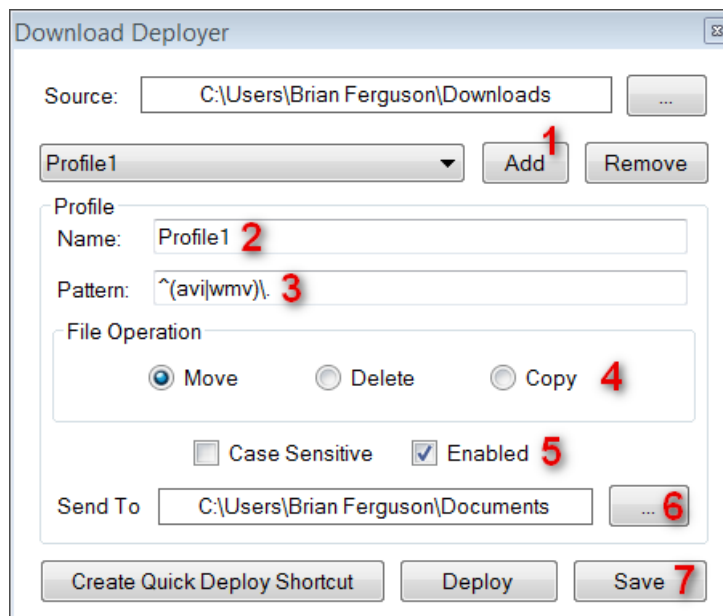
Source: C:\Users\Brian Ferguson\Downloads		...
[Dropdown]	Add	Remove
Profile		
Name:	[Text Box]	
Pattern:	[Text Box]	
<input type="checkbox"/> Case Sensitive	<input type="checkbox"/> Enabled	
Send To	Unspecified	...
File Operation		
<input checked="" type="radio"/> Move	<input type="radio"/> Delete	<input type="radio"/> Copy
Create Quick Deploy Shortcut	Deploy	Save

Profiles

Profiles are sets of data that the user may add, delete and edit. The application uses this data to decide what to do with files in your source directory.

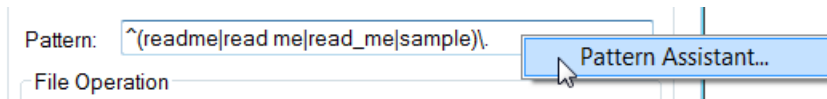
Download Deployer is programmed to follow the profiles rules exactly, otherwise it would cause undesirable results. The program comes with a handful of profiles available to the user, mainly as an example. To use these profiles, check the enabled box on the profile you want and hit save. Then click the "Deploy" button. To effectively create a profile, start from the top and work your way down the profile section of the window.

1. Press the "Add" button to add a new profile to the list.
2. Give the profile a name (use underscores in place of spaces)
3. Input a regular expression pattern in the "Pattern" box. You may use the "Pattern Assistant" to help you by right clicking the text box control.
4. Select the file operation that suites your needs. (Move is similar to a cut and paste operation).
5. Enable the profile for use by checking the "Enabled" checked box. Profiles that are not enabled, cannot be used by the program in anyway.
6. If the file operation is "Move" or "Copy", then specify a send to directory to copy or move the matched files to.
7. Click the save button to save the profiles. You can use someone elses profile data by getting their "Profile.DAT" file.



Pattern Assistant

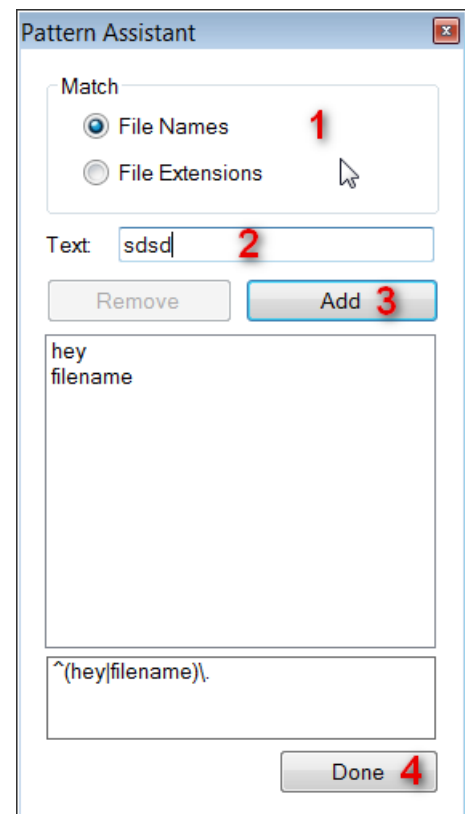
The pattern assistant is built to abstract the user from regular expressions. It works by accepting simpler input from the user and then transforming the input into a regular expression that the program can use. With the pattern assistant you are limited to simple filename and file type criteria. To use the pattern assistant you must right click inside the Textbox labeled "Pattern". Then click the "Pattern Assistant..." menu item.



To use the pattern assistant to generate a pattern:

1. Specify what you want to match. You may match files by file name (excluding extension) or by file extension.
2. Type a file name or extension into the textbox. (Do not include the period when inputting a file extension)
3. Click the "Add" button.
4. When you are finished adding items to the list, click the "Done" button.

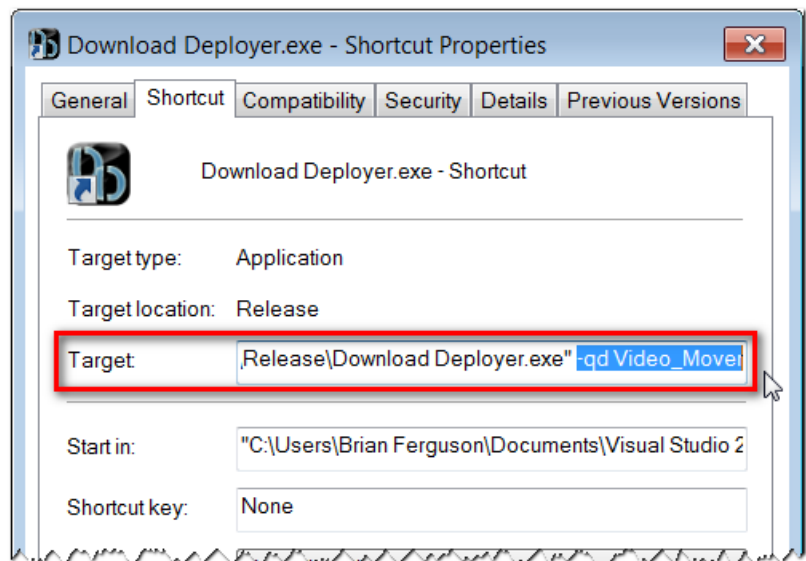
Note: The pattern to be used will be displayed at the bottom of the "Pattern Assistant" and will be automatically submitted to the main window.



Creating Quick Deploy Shortcuts

Download Deployer has the ability to generate shortcuts that allow the user to deploy files with ease. Running the app from a quick deploy shortcut is similar to clicking the deploy button in the main window. Except only the profiles specified in the shortcut will be processed. Again only the enabled ones will be processed.

The quick deploy shortcuts can be created manually by first creating a shortcut of the program using typical methods. Then right click the file and open up its properties. Add the following arguments to the target: **-qd *ProfileName***. You may add multiple profile names to the argument list just make sure to separate them with a space and to match casing.



To use the program to create the shortcuts:

1. Click the "Create Quick Deploy Shortcut" button in the bottom-right hand corner of the main window.
2. Select the profiles that will be processed for deployment.
3. Click the create button.
4. Choose a directory for the shortcut to be saved to.

Last Words

To fully utilize this application, I recommend learning regular expressions. I would also recommend learning about the command line arguments and switches.

To get the default profiles back, delete the profiles.DAT file in the boot directory.

Wait until all of your downloads are done before running the deployer, this will reduce the chances of a System IO problem.