

## iCommands For Windows

### Download

iCommands can be downloaded from downloads page of [www.petashare.org](http://www.petashare.org). After the download it has to be extracted.

### *Setting up the Petashare User Environment file in Windows (for i-commands only)*

- Running i-commands requires setting up an env file, ".irodsEnv", which at least contains the following :

```
irodsHost      ericl.loni.org (can be any of the 7 sites)
irodsPort      1247
irodsUserName  webuser
irodsZone      tempZone
irodsDefResource ericl
```

On a Windows machine, this file should be placed in the following directory (or folder).

```
%HOMEDRIVE%%HOMEPATH%\irods
```

where %HOMEDRIVE% and %HOMEPATH% are two built-in environment variables in Windows. And the %HOMEDRIVE%%HOMEPATH% is the home directory (folder) for a XP/Vista user. When a "Command Prompt" is launched, a user is automatically placed in this place.

The directory (folder) is often like following:

```
C:\Documents and Settings\bzhu
```

where 'bzhu' is the user name.

In this example, the env file has the following full path.

```
C:\Documents and Settings\bzhu\irods\irodsenv
```

To create the env file:

- Launch a "Command Prompt" by navigating to the menu "Start" -> "Accessories" -> "Command Prompt".
- Change directory to the user home directory.
  - cd %HOMEDRIVE%%HOMEPATH%
- Type the following Windows command to create a folder, ".irods", and move into this directory.
  - md .irods
  - cd .irods
  - Notepad .irodsEnv

(This will launch a Notepad and create a text file named ".irodsEnv".)

- Put the irods content into the Notepad and click save.

### *Setting up the PATH for iRODS executables (for i-commands only)*

To run i-commands in any directory in a Windows machine, the path to where i-commands reside should be set in the Windows PATH environment variable.

This is the same concept as the PATH concept in a UNIX machine.

To do this, launch the System dialogue via:

- Start -> settings -> control panel.
- Click the "System" icon.

In the "Advanced" tab, click the "Environment variables" button.

Add the path for i-commands in the "PATH" either in user category or the system category.

Example Commands:

- iinit.exe     Initialize - Store your password in a scrambled form for automatic use by other icommands.
- iput.exe     Store a file
- iget.exe     Get a file