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Squirrel as a Lolbin

Squirrel is an installation and update framework for Windows desktop apps. It is used by many applications (e.g. slack) and as a result can be found on many systems. Like other installers I described previously Squirrel includes a bunch of components / routines that can be used to simplify typical installation tasks. This makes it a good candidate for a lolbin.

The simplest way to use Squirrel component as a lolbin is to copy a test file to the application directory of the installed application, and then run update.exe with a 'processStart' command line argument.

I will use Slack as an example, but it can be any application really.

- Go to c:\Users\<user>\AppData\Local\slack\
- Find the folder where application files are e.g. app-3.3.0\
- Drop your test.exe there
- Now run 'Update.exe –processStart test.exe'

That's it. The test.exe should be executed.

There are alternatives: one could prepare a nuget installation package and use the update process to download it from the internet and run it.

Below is a full list of arguments that the tool supports (including the semi-documented ones i.e. these that are not listed when –help is used as a command line argument):

```
Commands
--install=VALUE - Install the app whose package is in the specified dir
--uninstall - Uninstall the app the same dir as Update.exe
--download=VALUE - Download the releases specified by the URL and write
--checkForUpdate=VALUE - Check for one available update and writes new
--update=VALUE - Update the application to the latest remote version sp
--releasify=VALUE - Update or generate a releases directory with a give
--createShortcut=VALUE - Create a shortcut for the given executable nam
--removeShortcut=VALUE - Remove a shortcut for the given executable nam
--updateSelf=VALUE - Copy the currently executing Update.exe into the c
--processStart=VALUE - Start an executable in the latest version of the
--processStartAndWait=VALUE - Start an executable in the latest version
Options:
-h, -?, --help - Display Help and exit
-r, --releaseDir=VALUE- Path to a release directory to use with releasi
-p, --packagesDir=VALUE - Path to the NuGet Packages directory for C# a
--bootstrapperExe=VALUE - Path to the Setup.exe to use as a template
-g, --loadingGif=VALUE - Path to an animated GIF to be displayed during
-i, --icon=VALUE - Path to an ICO file that will be used for icon short
--setupIcon=VALUE - Path to an ICO file that will be used for the Setup
-n, --signWithParams=VALUE - Sign the installer via SignTool.exe with t
-b, --baseUrl=VALUE - Provides a base URL to prefix the RELEASES file p
-a, --process-start-args=VALUE - Arguments that will be used when start
-s, --silent - Silent install
-l, --shortcut-locations=VALUE - Comma-separated string of shortcut loc
--no-msi - Don't generate an MSI package
```

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