VI Package Manager

VI Package Manager (VIPM) is a community and tool that helps you find, download, share, & manage LabVIEW Add-ons.

Resources

- https://vipm.io
- https://www.vipm.io/desktop/versions/
- https://forums.vipm.io

FAQ

Package Cache

The downloaded VI packages can be found at

```
<ProgramData>\JKI\VIPM\cache
```

Custom Actions

You can define VIs to be called during install/uninstall, so-called custom actions. I've tried to copy zip files to `C:\ProgramData\Hampel Software Engineering\PPLs` instead of installing them into vi.lib and it turned out, that the Post-Install Custom Action is executed before the files were extracted!

Linux

Installation

Download the VIPM release for Linux: https://www.vipm.io/desktop/

Create two folders

```
$ sudo mkdir -p /usr/local/JKI/VIPM
$ sudo mkdir /etc/JKI
```

Change the owner of the folders to your current user, to gain write access

```
$ sudo chown $USER -R /usr/local/JKI/VIPM
$ sudo chown $USER /etc/JKI
```

Unzip to the new folder

```
$ unzip vipm-22.1.2354-linux.zip -d /usr/local/JKI/VIPM/
```

Usage

VIPM needs write permission to the LabVIW installation. Because LabVIEW is usually installed under `/usr/local/natinst/` the normal user has no write access and VIPM needs to be executed as user "root". To do this on modern linux systems, it is remommended to use the command `sudo` or `pkexec`. Examples

```
$ sudo /usr/local/JKI/VIPM/vipm
```

If this command returns an error "Unable to open x display", it is necessary to provide the environment variables to access the x display.

```
$ pkexec env DISPLAY=$DISPLAY XAUTHORITY=$XAUTHORITY /usr/local/JKI/VIPM/vipm
```

To start vipm with `sudo vipm`, you can create a symbolic link with this command

```
$ sudo ln -s /usr/local/JKI/VIPM/vipm /usr/bin/vipm
```

Alternative: Change the owner of the LabVIEW folder to your current user, to gain write access and don't need sudo.

```
$ sudo chown $USER -R /usr/local/natinst/
```

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