CoApp.Mg

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# Overview

CoApp.Mg is a graphical user interface front-end for CoApp Package Manager. It is written in C# 5.0 and it uses WPF, MVVM and the new async methods.

# System requirements

* .NET Framework 4.5
* Caliburn.Micro
* CoApp

# Features

## User can view packages

In the main window there is a grid view, where user can see packages. At the bottom of the grid view, user can see the description of the selected package.

## User can sort packages

In the grid view user can sort packages by column (Status, Name, Flavor, Version, Architecture).

## User can filter packages

In the main window there is a text box, where user can write real-time queries. Examples: “newest”, “installed”, “locked”, “installed and ((version > 1.0 and version <= 2.0) or httpd)”. Alternatively user can select from saved filters, which can be managed at Tools->Filters.

## User can reload package feeds

The main window has a button “Reload”, which queries packages again and updates the grid view. It does not clear the markings.

## User can install, reinstall, update and remove packages

In the main window, each item in the grid view has a marking in the first column. When user clicks this marking, a context menu is opened (by default). The context menu enables user to unmark package or mark package for installation, reinstallation, update or removal. If the package has dependencies (or dependants), a confirmation dialog is opened. The dialog asks if user wants proceed and mark the dependencies (or dependants). If package is not installed: double clicking, pressing space or pressing return marks the package for installation or unmarks it.

In the main window, there is a button “Apply”. When user presses this button, a summary dialog is opened. The window says “Apply the following changes?” User can view packages to be removed, re-installed and installed. User can also view the numbers of these packages. To proceed, user presses button “Apply”. To cancel, user presses button “Cancel”. Proceeding requires elevating the CoApp Service.

After pressing button “Apply”, user is shown a download dialog, which shows overall progress and individual progresses. After downloads are completed, user is shown a dialog “Applying changes”, which shows the overall progress and individual progresses. After applying changes succesfully, user is shown a message “Changes applied”. To close the window, user presses button “Close”.

## User can read and save markings at File-menu

## User can unmark all packages at Edit->Unmark All

## User can add and remove feeds at Tools->Repositories

## User can add and remove trusted publishers at Tools->Repositories