ApCoCoA User Guide for Eclipse

Getting Started

For the install instructions of the ApCoCoA-Plugin, please visit: www.apcocoa.org > Eclipse GUI Tutorial

Project / Files

- **New Project:** *File > New > Project > Other > ApCoCoA Project*;
  to **Import** an already existing project unset "Use Default Location" and click *Browse*.

- **New File:** *File > New > File*
  Depending on the extension that you append to your file name you get an interactive editor or not.

  - .aco: interactive editor with history functionality
  - .coc/.cpkg: non-interactive editor

ApCoCoA / ApCoCoA-Server

- (Re)Start ApCoCoA Process: In additon you can interrupt a running calculation.

- Start ApCoCoA Server

- New Console: *Open Console > New Console View*

- Pin Console: By default ApCoCoA and the Server write their ouput to the same console. By pinning one process you allow either ApCoCoA or the Server to write to this specific console. You can open another console and pin the other process there.

- Select Different Consoles

- Save Console Output: *ApCoCoA > Save Console Output*

Editor

Besides the standard functions to edit text, like Copy (Ctrl+C) & Paste (Ctrl+V) etc., there exist some ApCoCoA specific features:

- **Send to ApCoCoA** (Ctrl+Enter): Sends your code from the editor to the ApCoCoA process and starts the computation.

- **Auto Completion** (Ctrl+Space): Shows you a list of possible commands. Depending on how often you hit the shortcut different lists are offered. (1. all possible commands $\Rightarrow$ 2. templates $\Rightarrow$ 3. ApCoCoA specific)

- **History** (Alt+Left/Right-Arrow): Navigate through the command history. (.aco files only!)

Preferences

- **ApCoCoA Preferences:** *Window > Preferences > ApCoCoA Preferences*

  - set paths for ApCoCoA / Server executables, packages, wordlist
  - create new templates

- **Text Editor Settings:** *Window > Preferences > General > Editor > Texteditor*

  - show line numbers
  - show print margin
  - insert spaces for tabs

- **Change Font / Font Size:** *Window > Preferences > General > Appearance > Colors and Fonts > ApCoCoA > Console / Editor Font*

General Eclipse Features

- **Shortcut Overview** (Ctrl+Shift+L): *Help > Key Assist*