

# Installation (USB)

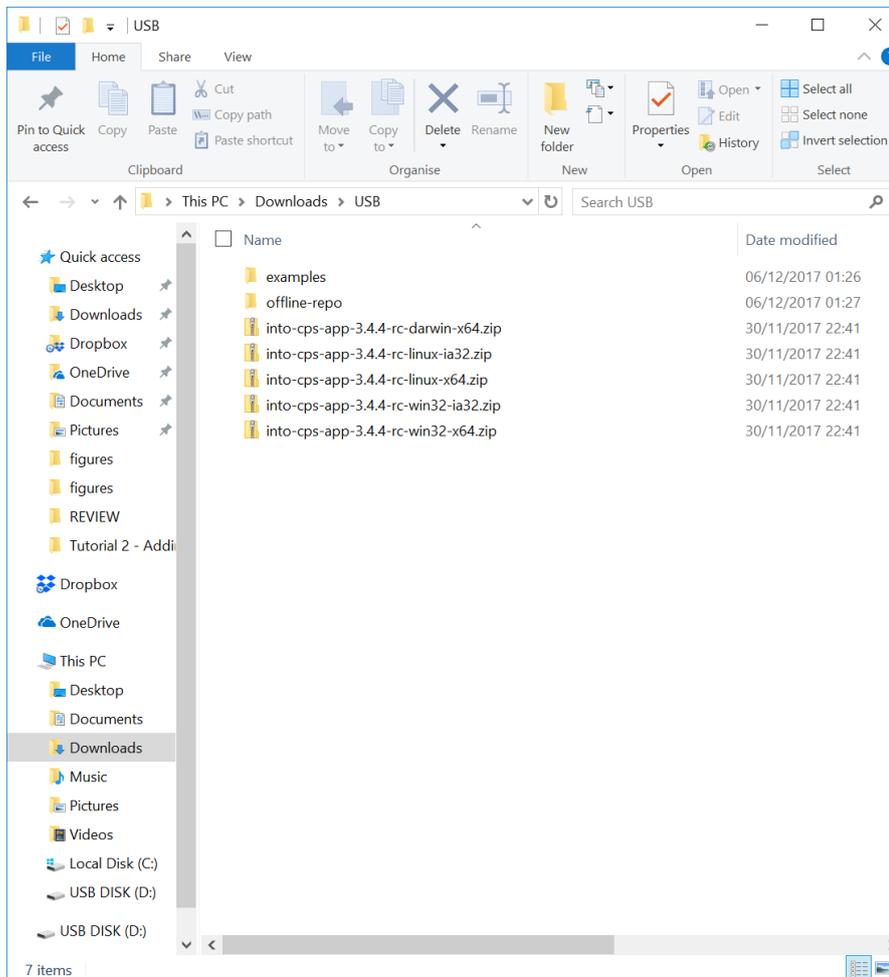
## Overview

This tutorial explains how to install various tools from the USB drive. The following tools are required by in the exercises:

Tutorials	Required tools
All	INTO-CPS Application and COE
Tutorial 3	Modelio
Tutorial 4	Overture, Overture FMI Plug-in

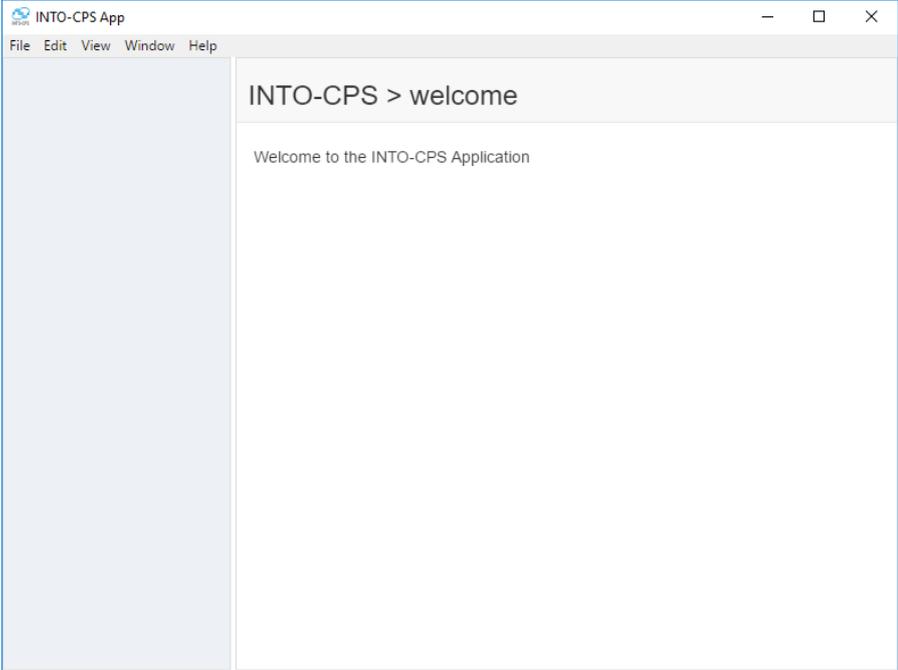
## 1 INTO-CPS Application

Step 1. Navigate to the root directory of the USB.



Step 2. Find the .zip file corresponding to your operating system, and extract the contents. The INTO-CPS Application is portable and doesn't need installation.

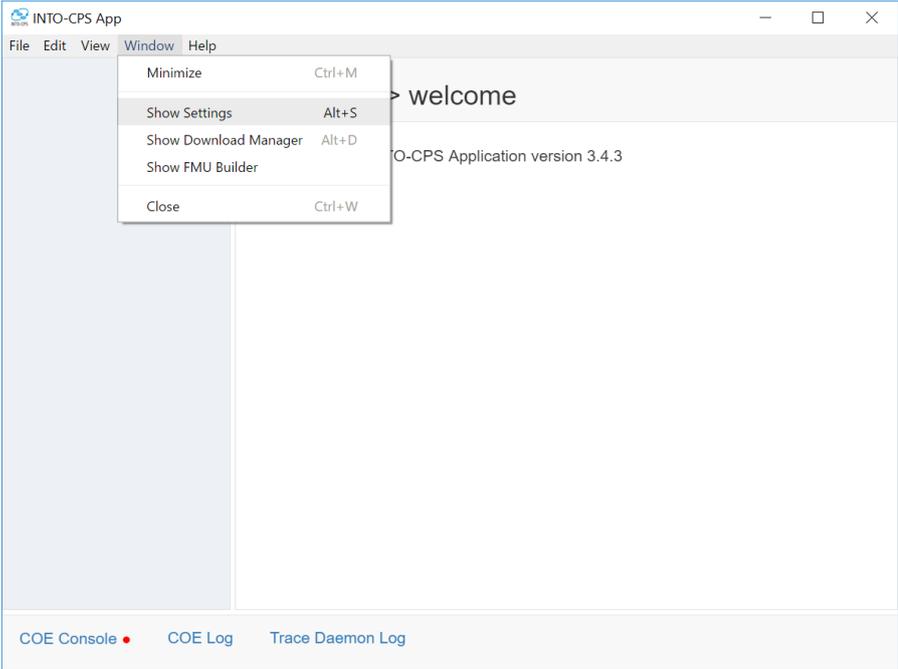
Step 3. Run the INTO-CPS Application from where you extracted it.



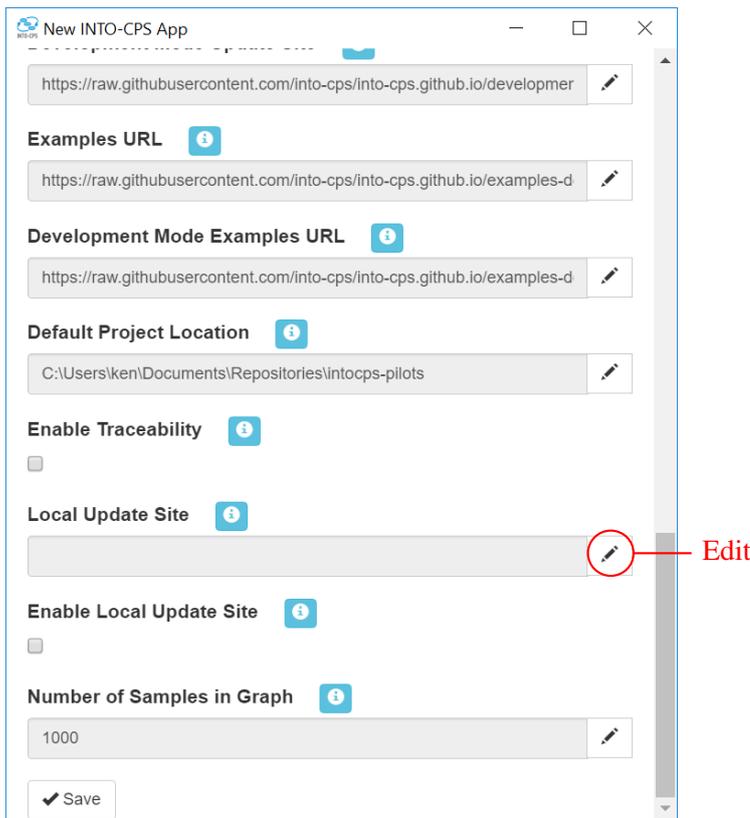
## 2 Co-simulation Orchestration Engine (COE)

The INTO-CPS Application has a *Download Manager* that provides access to all tools in the tool chain. The latest version of the download repository is included on the USB drive. If you wish to use the internet, skip to Step 7.

Step 4. You need to tell the INTO-CPS Application where the USB repository is. To do this, run the INTO-CPS Application and select *Window > Show Settings*.



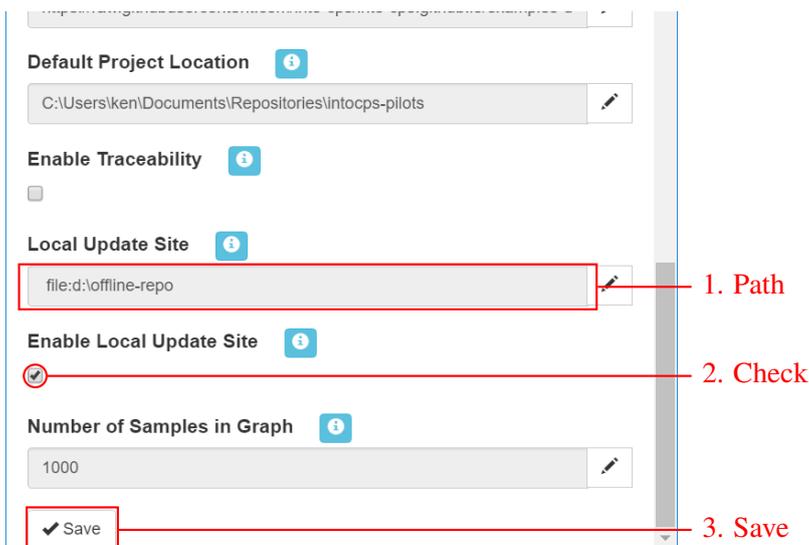
Step 5. Scroll down to find **Local Update Site**, press the pen icon.



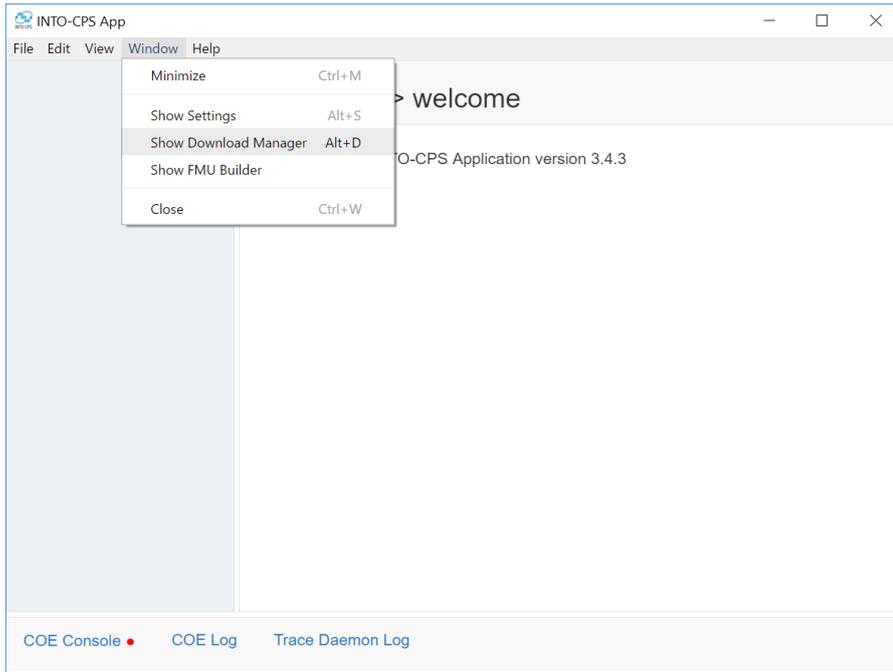
Step 6. Set the path to the `offline-repo` directory of the USB stick in the following way:

- Windows: `file:d:\offline-repo`
- OSX: `file:/Volumes/USB_DISK/offline-repo`
- `file:/media/USB_DISK/offline-repo`

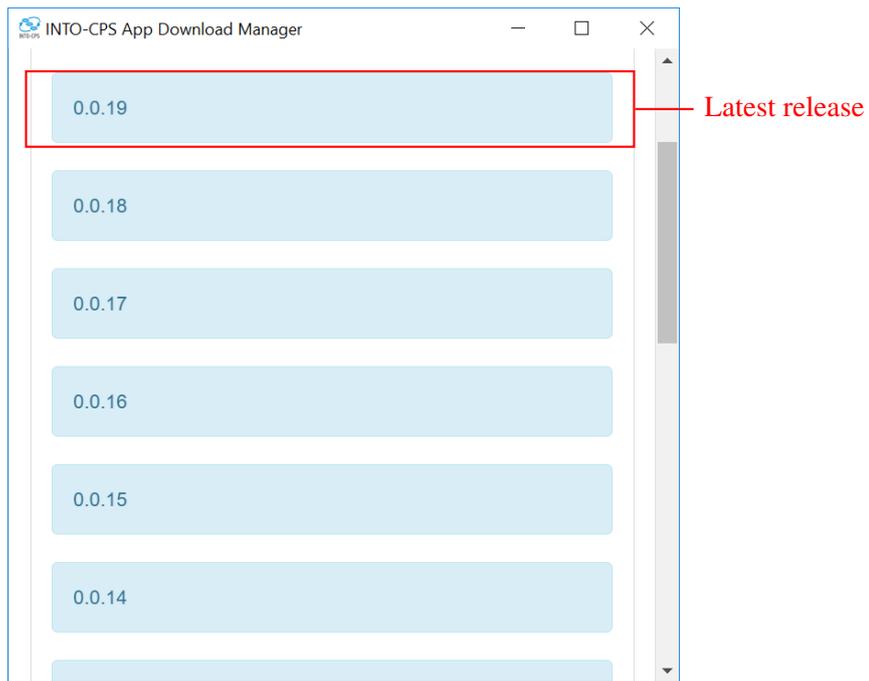
Also check **Enable Local Update Site**.



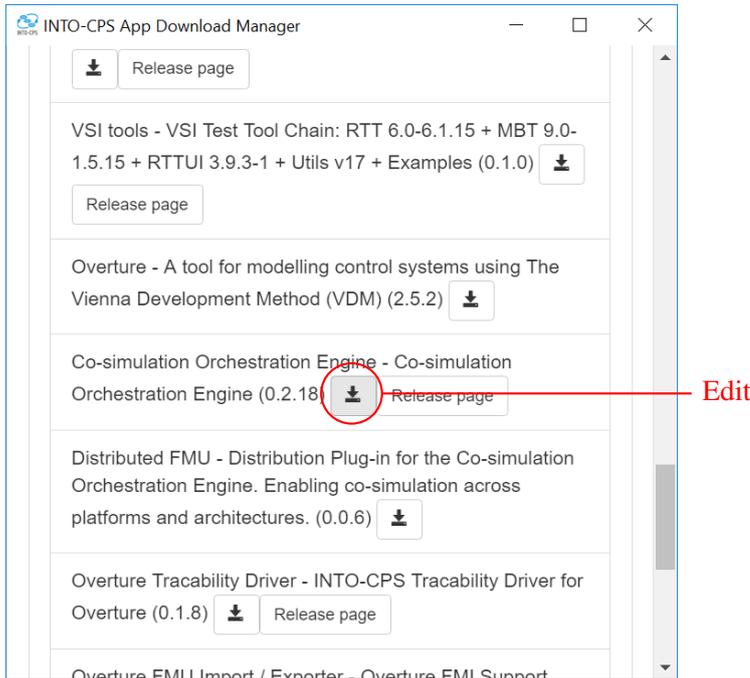
Step 7. Now go to *Window > Show Download Manager*.



Step 8. Click on the latest release.



Step 9. Scroll down to *Co-simulation Orchestration Engine - Co-simulation Orchestration Engine* and click on the arrow button to install the COE.



### 3 Modelio, Overture, etc.

The repository online, and on the USB disk, contains all tools within the INTO-CPS tool chain

Step 1. Open the *Download Manager* as above, and navigate to the latest version.

Step 2. Locate the tool you want and click the download arrow. This will copy the file to your computer and tell you where the file is.

Step 3. Locate the file and install as required.

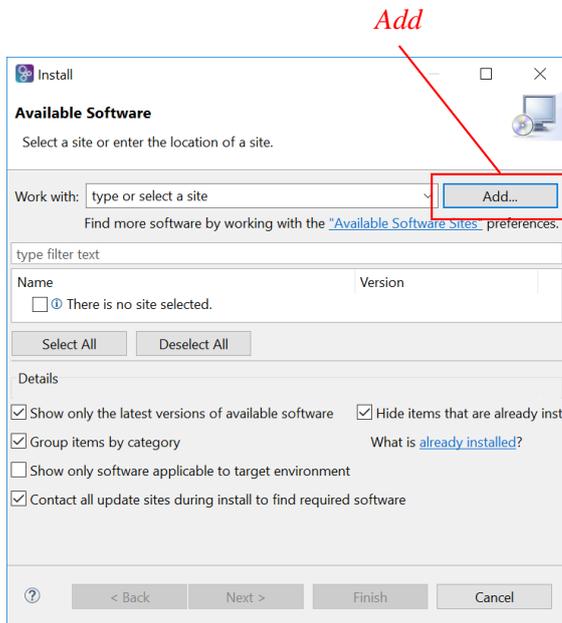
- Modelio and Overture are Eclipse-based and portable, so simply need extracting as with the INTO-CPS Application.
- 20-sim and RT-Tester are bundles with installers.

## 4 Overture FMI Plug-in

Step 1. Run Overture.

Step 2. Select *Help > Install New Software...*

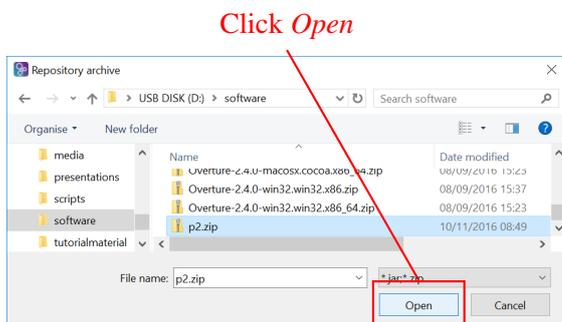
Step 3. In the *Install* window click *Add*.



Step 4. Click *Archive*.

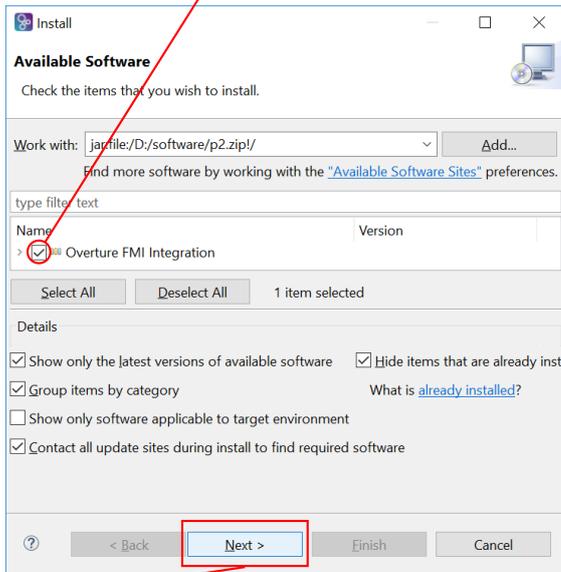


Step 5. Locate *offline-repo/0.0.19/overture-fmu/any/overture-fmu.p2.zip* on the USB disk and then click *Open*.



Step 6. Check *Overture FMI Integration* then click *Next*.

*Overture FMI Integration*



*Click Next*

Step 7. Click *Next*, then accept the license and click *Finish* to install the plug-in.