
Subject: UppHub - automatic dependency installation
Posted by [Klugier](#) on Mon, 22 Feb 2021 19:21:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Mirek,

I would like to ask one important question related to UppHub. If I checkout project that uses some UppHub packages that I do not possess at the moment. Does the build system download it from me. Let's assume I have following project.

- MyApp
 - Controls4U
 - GoogleTest

When I press build on TheIDE will Controls4U, Functions4U will be downloaded during the build or I need to explicitly go to UppHub and find each dependency and download it separately?

Klugier

Subject: Re: UppHub - automatic dependency installation
Posted by [mirek](#) on Tue, 23 Feb 2021 08:50:30 GMT
[View Forum Message](#) <> [Reply to Message](#)

Klugier wrote on Mon, 22 February 2021 20:21Hello Mirek,

I would like to ask one important question related to UppHub. If I checkout project that uses some UppHub packages that I do not possess at the moment. Does the build system download it from me. Let's assume I have following project.

- MyApp
 - Controls4U
 - GoogleTest

When I press build on TheIDE will Controls4U, Functions4U will be downloaded during the build or I need to explicitly go to UppHub and find each dependency and download it separately?

Klugier

Actually, there are two moments where TheIDE will download dependencies:

- if you install Controls4U in UppHub, after cloning TheIDE scans for all packages in just installed code and installs everything missing (see `ide/UppHub.cpp:280`)
- if you have cloned Controls4U without UppHub and then you try to load it, TheIDE detects missing packages that are in UppHub and suggests the installation (`ide/UppHub.cpp:334`)

If above does not work, it is a bug

Mirek
