

Extensions Manager

Extensions Manager is a built-in tool to access approved registered extensions directly from SMath Studio. It provides access to several kinds of extensions like Handbooks, Examples, Plugins, Applications, Snippets, Translations and others. Extensions Manager allows to search, download and open or install extensions using simple intuitive user interface. It is a great tool to deliver extensions to end users easily.

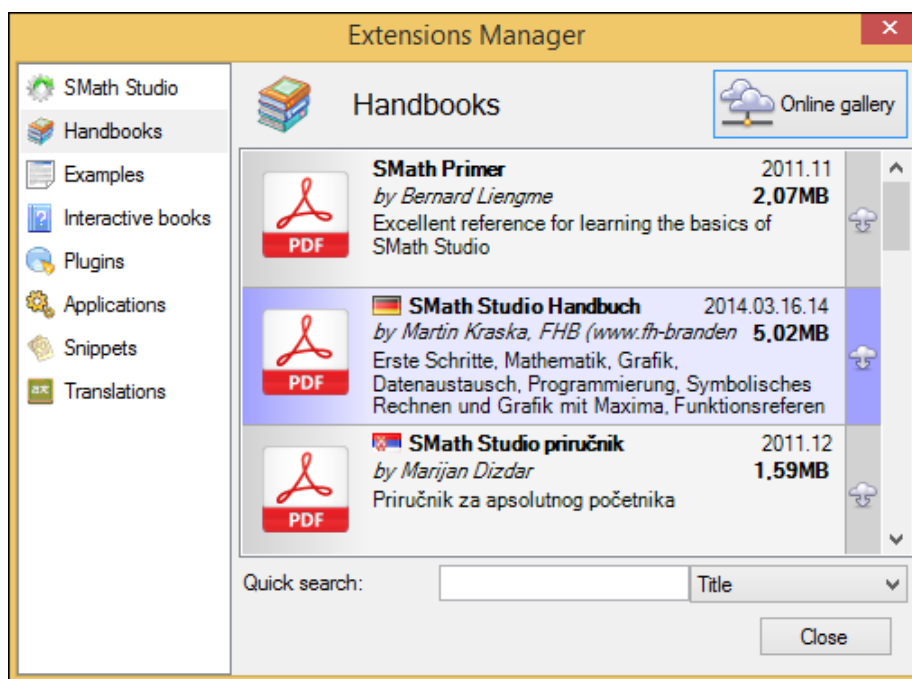


Figure 1: Extension Manager within SMath Studio.

Extensions register

Extensions Manager developed to work with **local and online extensions**. In online mode it requires Internet access to connect to extensions register. This register is always available by the following url: http://smath.info/?extensions=SMathStudio_Desktop.

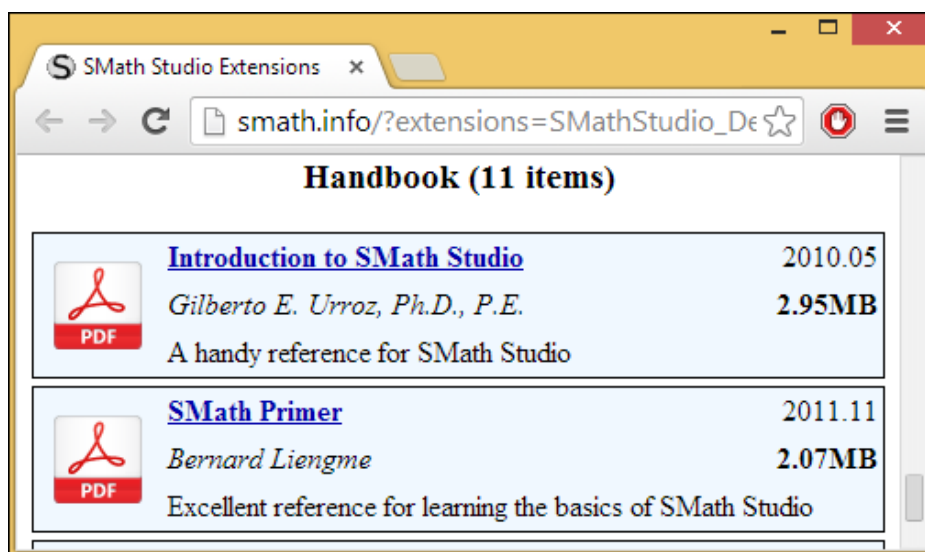
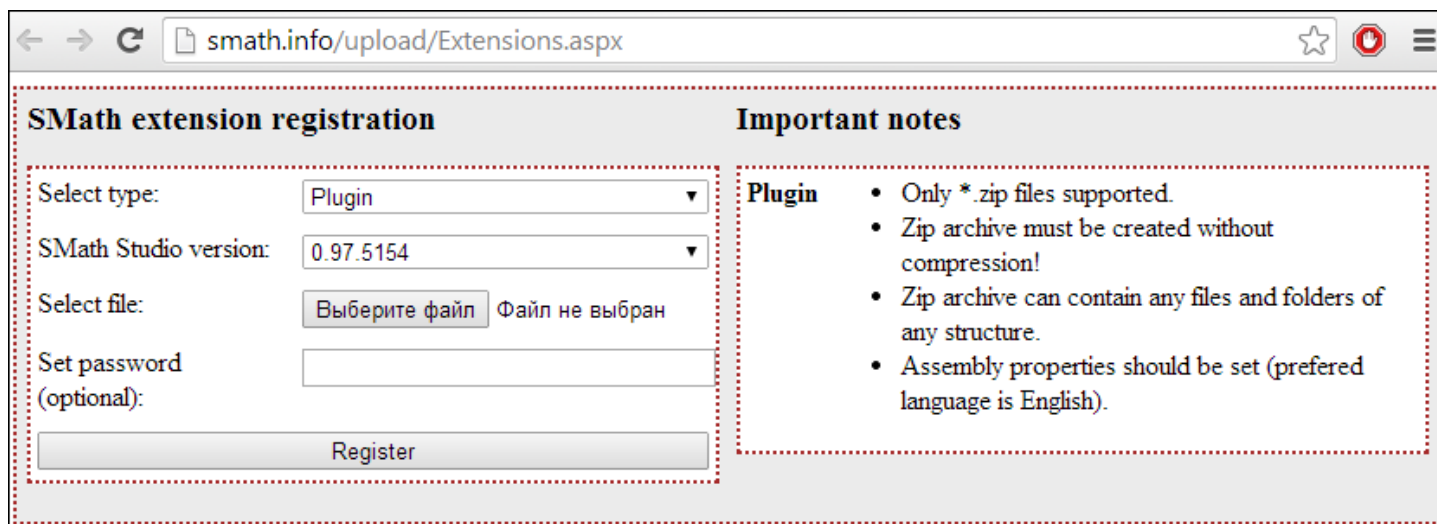


Figure 2: Extension register.

Sharing an extension

Everyone from community is able to share extensions with others by registering of extensions using a simple web-based tool: <http://smath.info/upload/Extensions.aspx>. It allows to register extensions of any supported kind.



The screenshot shows a web browser window with the address bar displaying `smath.info/upload/Extensions.aspx`. The page content is divided into two main sections: "SMATH extension registration" on the left and "Important notes" on the right.

SMATH extension registration

- Select type:** A dropdown menu with "Plugin" selected.
- SMATH Studio version:** A dropdown menu with "0.97.5154" selected.
- Select file:** A button labeled "Выберите файл" (Select file) and a status message "Файл не выбран" (File not selected).
- Set password (optional):** An empty text input field.
- Register:** A large button at the bottom of the form.

Important notes

Plugin

- Only *.zip files supported.
- Zip archive must be created without compression!
- Zip archive can contain any files and folders of any structure.
- Assembly properties should be set (preferred language is English).

Figure 3: Extension registration form.

To get access to the sharing form one needs to create an account: just fill in preferred login/password pair and press "Register", then fill in login/password again and press "Log In". As a result sharing form will open where it will be possible to select type of the extension and to upload it to SMATH server.

In order to provide the best quality of the extensions every new registered extension must be approved by developer before appearing within Extensions Manager. It usually took up to 2 working days¹ to have registered extension available within Extension register. Updates of the already approved extension will replace previous version automatically immediately after sharing.

Once extension approved SMATH Studio will show it within Extensions Manager. It's that simple. Feel free to upload useful extensions to share them with community!

¹ Contributors who shared several approved extensions may request trusted account to pass approval step in future.

FAQ

Question:

I've already created several extensions which are approved and available using Extensions Manager. I want to become trusted contributor to see my brand new extensions immediately after sharing.

Answer:

Please, let me know what username you use and I will add it to the list of trusted accounts who can register extensions without my approval. Use andrey@smath.info to contact me.

Question:

How can I completely remove extension I've uploaded earlier. It was already approved.

Answer:

To manage your registered extensions you can use the following service: <http://smath.info/upload/default.aspx>. It allows to delete extensions and to see downloads count there. But please note: **you don't need to delete old versions of plug-ins manually every time - Extensions.aspx will do everything automatically**. Use **default.aspx** only if you want to **completely remove** your plug-in from the Extension Manager.

Question:

I tried to register two snippets. However, something went wrong. Both snippets went to the same subdirectory and seem to be registered as different versions of the same extension. How can I correct this?

Answer:

Looks like you used one file as a common basis for both snippets which cause the same ID for both extensions. Every Snippet (as well as Example and Application) should have unique ID tag specified (open SM file of the snippet with Notepad and check ID tag in first lines of the file, f.e.: "`<id>6c231a84-4ab4-4281-0f2a-acc57619c8b6</id>`").

To fix situation you described please go to <http://smath.info/upload/default.aspx?folder=-1> and choose **Extensions** folder. Find your snippet in snippets directory and remove everything in its folder. This will remove the snippet.

Question:

I've uploaded new version of the plugin, but I can't see it in the Extensions manager. Have I forgot anything more?

Answer:

Looks like you removed old version of the plugin and uploaded newer one manually using <http://smath.info/upload/default.aspx>. This is incorrect. To upload new version of the plug-in always use <http://smath.info/upload/Extensions.aspx> service.

Please do the following to fix this: please, remove file uploaded manually and then repeat registration of your plug-in using <http://smath.info/upload/Extensions.aspx>.