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1.2 Installation of the Plugin

Just like any other extension, the Maxima plugin is installed via the Extensions Manager from within an SMath session:

- Tools> Plugins
- Make sure to switch to the online gallery and unselect "exclude beta versions":
 - Extensions Manager

☆ SMath StudioIandbooks	Plugins	Online gallery
Examples	Beam Analysis Utility Functions	Local storage
Interactive books	by Redem Legaspi Jr Extends SMath Studio with ENGINEERING FUI	 Online gallery
民 Plugins		Exclude beta-versions
🦓 Applications	Big Integer Arithmetics	0.1.7679.25195
🍥 Snippets	by overlord Collection of Big Integer Arithmetic functions for	56,78KB
Translations		

- Select the MaximaPlugin from the list.
- Press Install and wait for the installation of the plugin.

Usually, there is no need to perform a restart of the SMath application.

When the installation is finished, the "Settings" dialog pops up. Otherwise you can call the dialog via **Insert**> **Maxima**> **Settings** from the main menu.

	_	
🖳 Settings —		×
Install Maxima		
Installed Version: 5.47.0		_
Latest available version online: 5.47.0	Install	
Maxima installation requires active internet connection and admin rights		
Path to Maxima		
,.\\maxima-5.47.0\bin		
Specify a directory from where to search for maxima.bat		
Save	Can	cel

Note: the plugin is just the interface between SMath and Maxima. Maxima is not included in the plugin. You can point to an existing installation of Maxima or you can use the Install button. These options are described in the next section.

1.3 Installation of Maxima

Open the Settings dialog: Insert> Maxima> Settings

You already have a working Maxima installation on your computer?

- 1. Use the file selector $\boxed{\dots}$ to indicate the path to your installation. It is sufficient to point to the top level directory, e.g. C: |maxima-5.47.0.
- 2. Press Save. SMath starts searching for *maxima.bat* and tries to launch Maxima. If that works, just confirm the message.

You don't have Maxima on your computer? For a standard installation you need Internet connection and admin privileges. The installation will take slightly more than 700 MB of disk space.

Press Install and select one of the install options:

🖳 Maxima Installation	_		×
Select the type of the installation			
 Silent installation Automatic installation with default settings. 			
Manual installation User-customizable installation. Default installation path is recommended.	Ne	ext	

It should be safe to use the silent installation. In any case, the installation is a two-step process: download and the actual installation. The software is downloaded using the official links. SMath does not modify the installation in any way.

Upon finishing, the Settings window is closed and a Maxima session is launched in the background. Check the **Insert** menu for a Maxima submenu



In the side panel you should find the Maxima palette with quick access buttons.

