User manual

Calcules®

by PyJaMa's

20.4.2021

Description

Calcules is a simple desktop calculator used to compute simple mathematical operations, such as addition, subtraction, division, multiplication, exponentiation, finding the root, factorial and goniometric functions.

Disclaimer

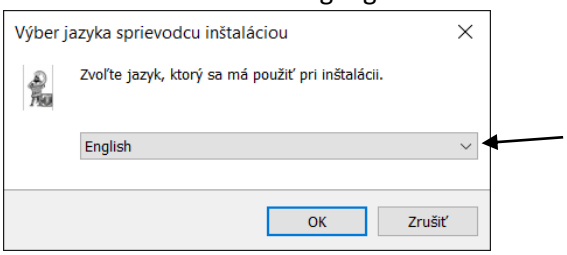
Read this manual before using our software. Do not try to change any of the source code, as it may cause undefined behaviour or even dysfunction of this product. Team PyJaMa's is not responsible for any troubles caused by previously mentioned actions.

Index

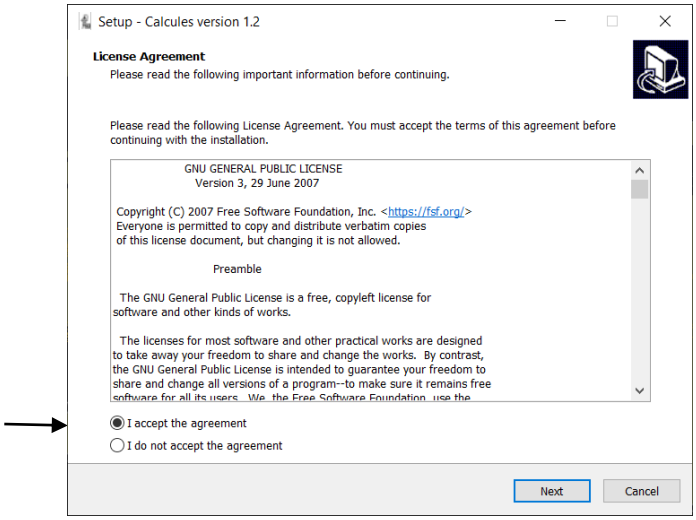
Installation

After downloading **Calcules_setup**., double click and follow the installation wizard.

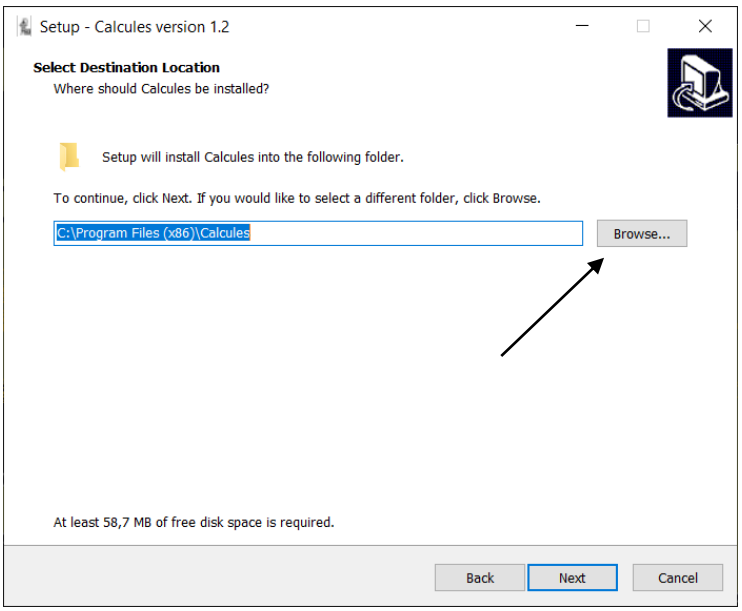
1.) Choose the installation language.



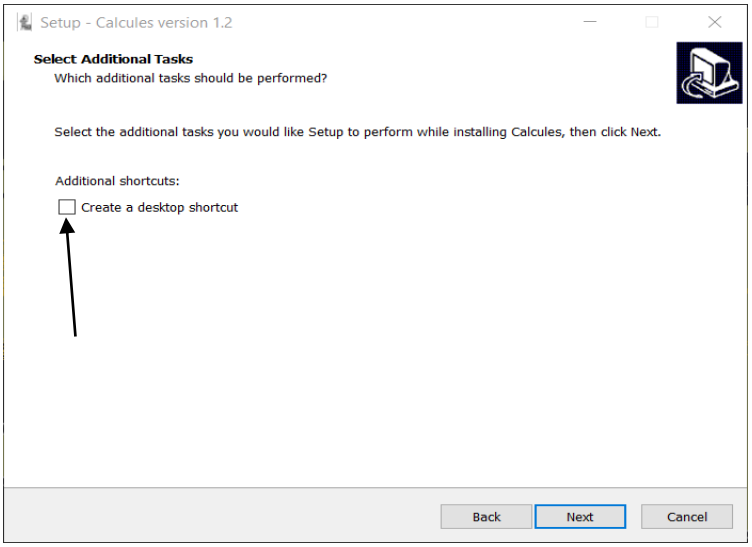
2.) Accept the License Agreement (GNU GPL 3)



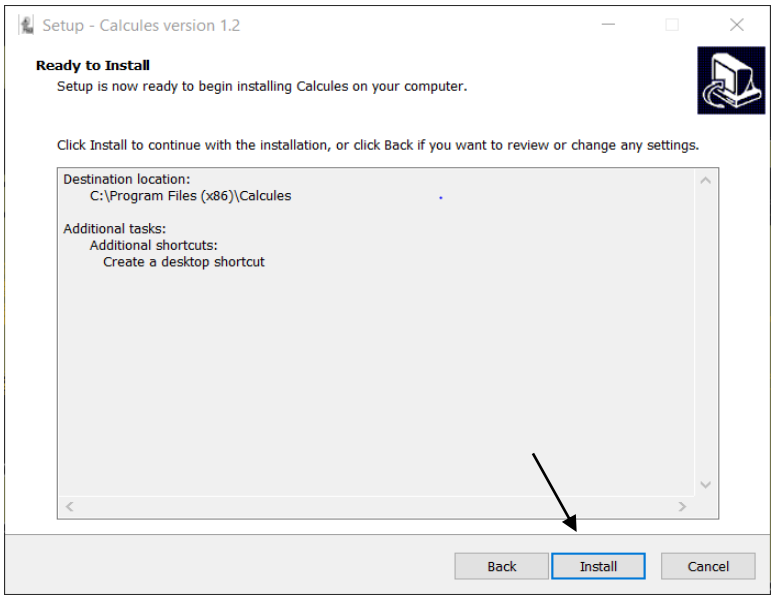
3.) Select destination location



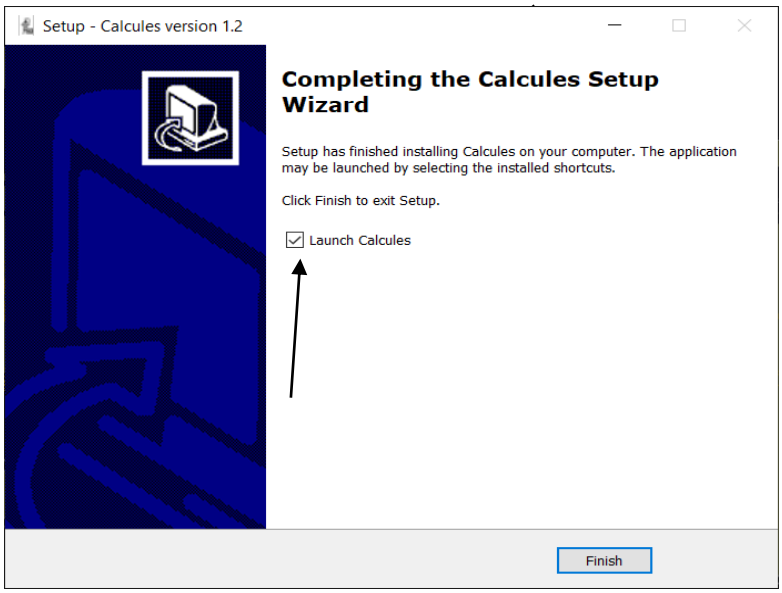
4.) Choose, whether you want to create a desktop shortcut



5.) Revision of chosen settings and completing installation



6.) Choose if you want to launch Calcules or exit setup

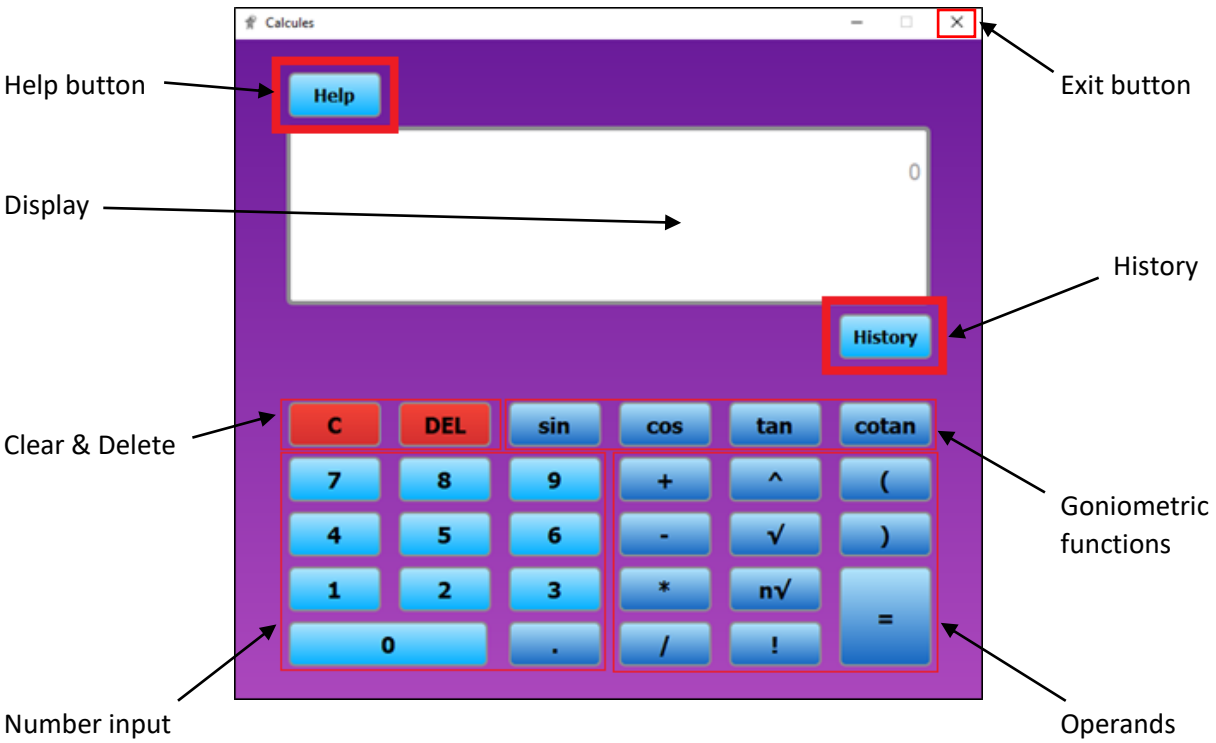


Running the calculator

If you have chosen the option “Create desktop shortcut”, there should be an application named **Calcules** on your desktop. In order to run it, simply use double click or right click -> open.

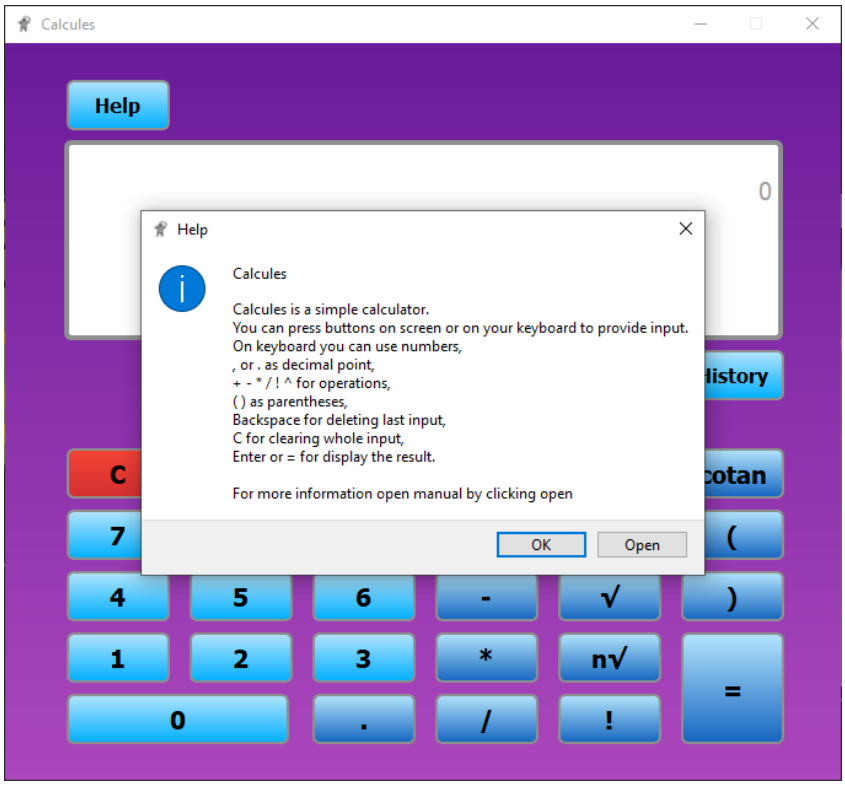
In case you can’t find **Calcules** on your desktop, you should be able to find it using windows search bar or in your Start menu.

User interface



Help button

Clicking on the help button pops out a window with basic information about proper manipulation with calculator. You can also click **Open**, which will re-direct you to the User manual.



Display

Display shows all inputs, outputs and errors.

Clear & Delete

Clicking on **C** (with mouse or via keyboard) clears all input.

Clicking on **DEL** (with mouse or via keyboard – BACKSPACE) clears last input.

History

Clicking on the history button pops out a window with the history of your previous calculations since opening the calculator.

Number input

After clicking on a number input button, the desired number (or floating point) will be shown on display. You can also type in numbers and floating point / comma via keyboard

Operands

After clicking on an operand button, the desired operation will be shown on display.

Addition (+)

Computes the sum of two given numbers. Usage: **numbe**r + **+** + **number**.

Subtraction (-)

Computes the difference between two given numbers. Usage: **numbe**r + **-** + **number**.

Multiplication (*)

Computes the multiple of two given numbers. Usage: **numbe**r + ***** + **number**.

Division (/)

Computes the portion of two given numbers. Usage: **numbe**r + **/** + **number**.

Exponentiation (^)

Computes the exponentiation a number (exponent must be a natural number. Usage: **numbe**r + **^** + **number**.

Root

Square root (√)

Computes the square root of a positive number. Usage: **√** + **number**.

N – root (n √)

Computes the n-th root of a positive number. Usage: **number** + **√** + **number**.

Factorial (!)

Computes the factorial of a natural number. Usage: **numbe**r + **!**.

Parentheses (())

Parentheses are used to determine the order of operations or when counting with negative numbers.

NOTE: You can also type in operands **+, -, *, /, !, √, ^, (,** and **)** via keyboard.

Goniometric functions

Usage**: function** + **number** (in degrees) + **)**

Sine (sin)

Computes a sine value of a following number.

Cosine (cos)

Computes a cosine value of a following number.

Tangent (tan)

Computes a tangent value of a following number from $R-\{(2k+1)\pi/2; k \in Z\}$.

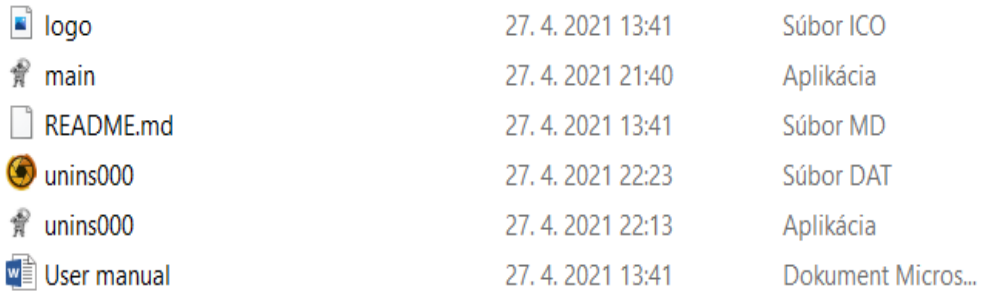
Cotangent (cotan)

Computes a cotangent value of a following number from $R-\{k\pi; k \in Z\}$.

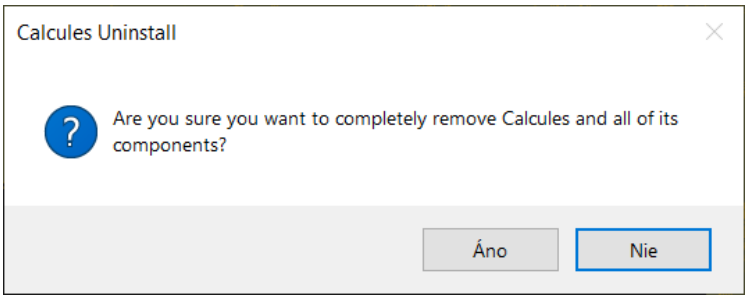
Uninstallation

In order to uninstall **Calcules**, simply navigate to the folder, where Calcules is installed (defaultly in “Program Filesx86\Calcules”) and follow these steps:

1.) Run **unins000** application



2.) Confirm or refuse uninstallation



3.) After confirming, Calcules will uninstall itself and all its components