Vysoké učení technické v Brně Fakulta informačních technologií

User manual

Calculator

IVS – Project 2

Content

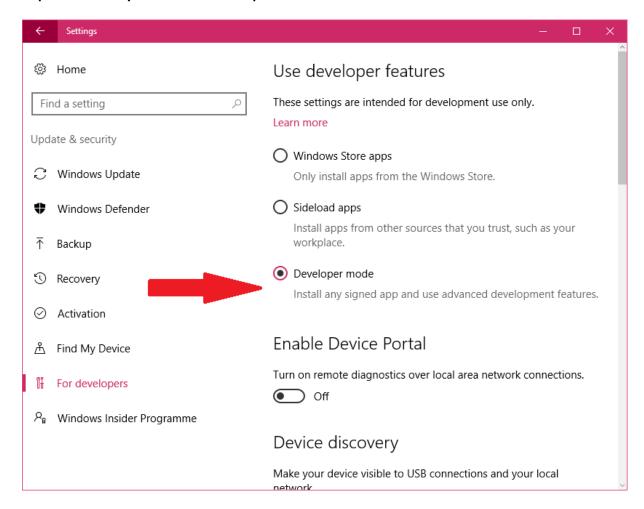
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1 Introduction

This document is a user manual for calculator, created by team K. I. S. S. - *Keep It Simple Stupid* (and Shrot). You can find there information how to install program and how to use calculator.

2 Installation

At first you need to set your computer into **Developer mode**. Go to setting, then chose **Update&Security** and click on **Developer mode**.



In folder CalcINST/Calculator_1.0.3.0_Test right click on Add-AppDevPackage.ps1 and click on Run with PowerShell.

After launching application in PowerShell you have to agree with installation. Type **"Y"** and press **enter**.

```
Execution Policy Change
The execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose full the execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose you to the security risks described in the about_Execution_Policies help topic at http://go.microsoft.com/fwlink/R/InkID=131710. Do you want to change the execution policy?

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "N"):
```

Now you have to press enter again.

```
Execution Policy Change
The execution Policy helps protect you from scripts that you do not trust. Changing the execution policy might expose you to the security risks described in the about_Execution_Policies help topic at http://go.microsoft.com/fwlink/link[D=1351/0. Do you want to change the execution policy?

(Y) Ves [A] (Ves to Al [N] No L] No to Al [S] Suspend [?] Help (default s "W"): V

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naintsload podpisovy certifiklat:

Po zadáni přihlašovactnů údaji správce budete moct pokračovat. Přijměte prosím výzvu služby UAC a v připadě, že budete v yzvání, zadejte heslo správce.

Press Enter to continue...:
```

This will open another window witch certificate installation. Now it will ask you for administrative permission (click yes). After that you need to write "A" ("Y" in English version) and enter.

```
Instaluje se certifikát...

Chystáte se do úložiště certifikátů od důvěryhodných osob ve vašem počítačí nainstalovat digitální certifikát.

Provedení této akce představuje vážné bezpečnostní rízíko a mělí byste ji provést jenom v případě, že původcí tohoto digitálního certifikátu důvěřujete.

Až tuto aplikaci přestanete používat, mělí byste přídružený digitální certifikát ručně odebrat. Postup, jak to udělat, najdete tady: http://go.microsoft.com/fwlink/?t.inkId=243053

Opravdu chcete pokračovat?

[A] Ano [N] Ne [?] Help (default is "N"): ■
```

At least you will see if installation was successful. Type enter and installation is over.

```
Execution Policy Change
The execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose you to the security risks described in the about_Execution_Policies help topic at you to the security risks described in the about_Execution_Policies help topic at you to the security risks described in the about_Execution_Policies help topic at you to the security risks described in the about_Execution_Policies help topic at you to the security risks described in the about_Execution_Policies help topic at your policy?

You see [A] Yes to [AI] [N] No. [L] No to [AI] of your policies help topic at your policies help topic at your policies help (default is "m"):

Nalezeng yazzek: ("Yesers Idadac Voomnloads (Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Calculator_1.0.0.0_Debug_Test\Dependencies\x86\Microsoft.NET.Core Runtime. 1, 1.appx

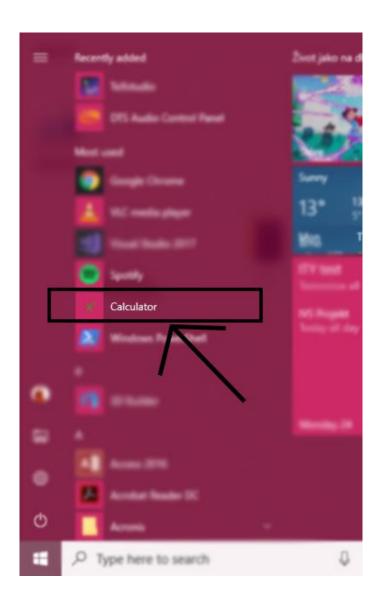
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Now you fill find your application in **start menu**.



3 Uninstallation

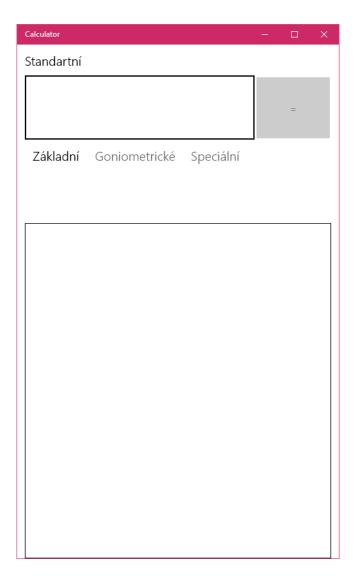
Right-Click on file uninstall.ps1 and press "Run with PowerShell".

Script will do all the work for you.

4 Interface and using

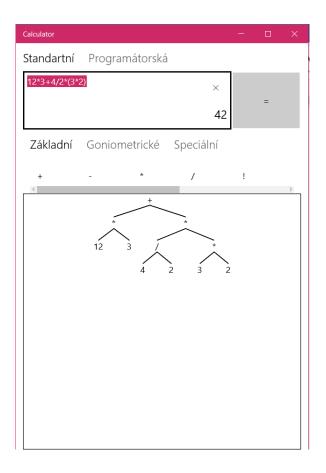
4.1 Introduction

Interface is simple. At top you can write mathematical expressions. For calculation you can press enter or "=" button. Clicking on "X", situated in the right corner of input area will delete whole input text. Under input area you can see three sections. Dynamic, where you can find operation that you are able to write. Second Geometrical will show you geometrical function that are implemented in calculator. Last one Special is for other functions. At least on the bottom you will find binary tree visualisation of operation priority.



4.2 Example

If you want write 12*3+4/2*(3*2) you can easy write it and calculator will do all the things.



4.3 Other Functions

Function	Iterpretation
X^R	X^R
$\log_a X$	a log X
$\sqrt[n]{X}$	n root X or X^1/n
random number from x to y	X rnd y

Function like sinus, cosinus, tangens, cotangens are counted in degrees.

5 Authors

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