



SSE Tutorial

WS 16/17

Software Service Engineering o. Tutorial

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Organization

- Tutorial room may change
- Check out OPAL for room schedule
- Changes will be announced to OPAL



Exams

- In most cases in written form
- No computer allowed here
- C# as language to write code examples



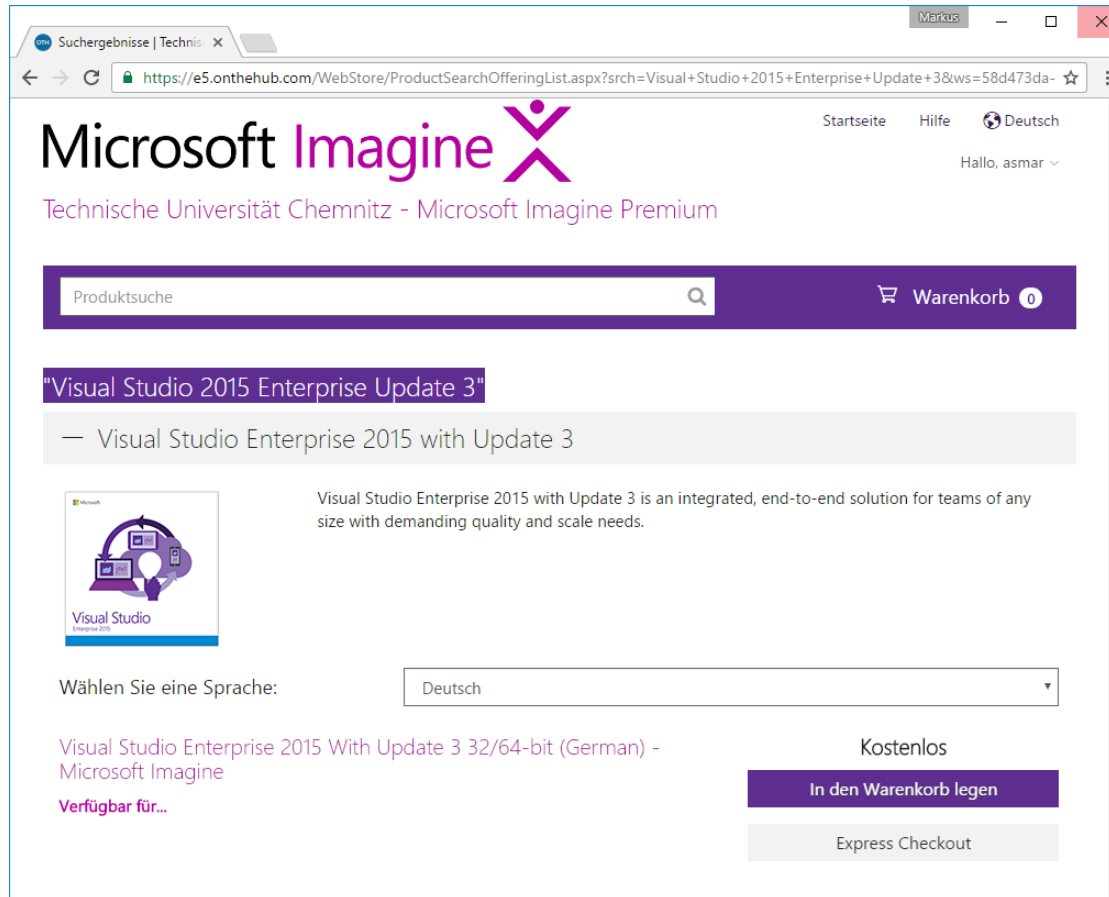
For **WINDOWS**



Visual Studio 2015 Update 3

Get your license at:

<https://elms.hrz.tu-chemnitz.de/>

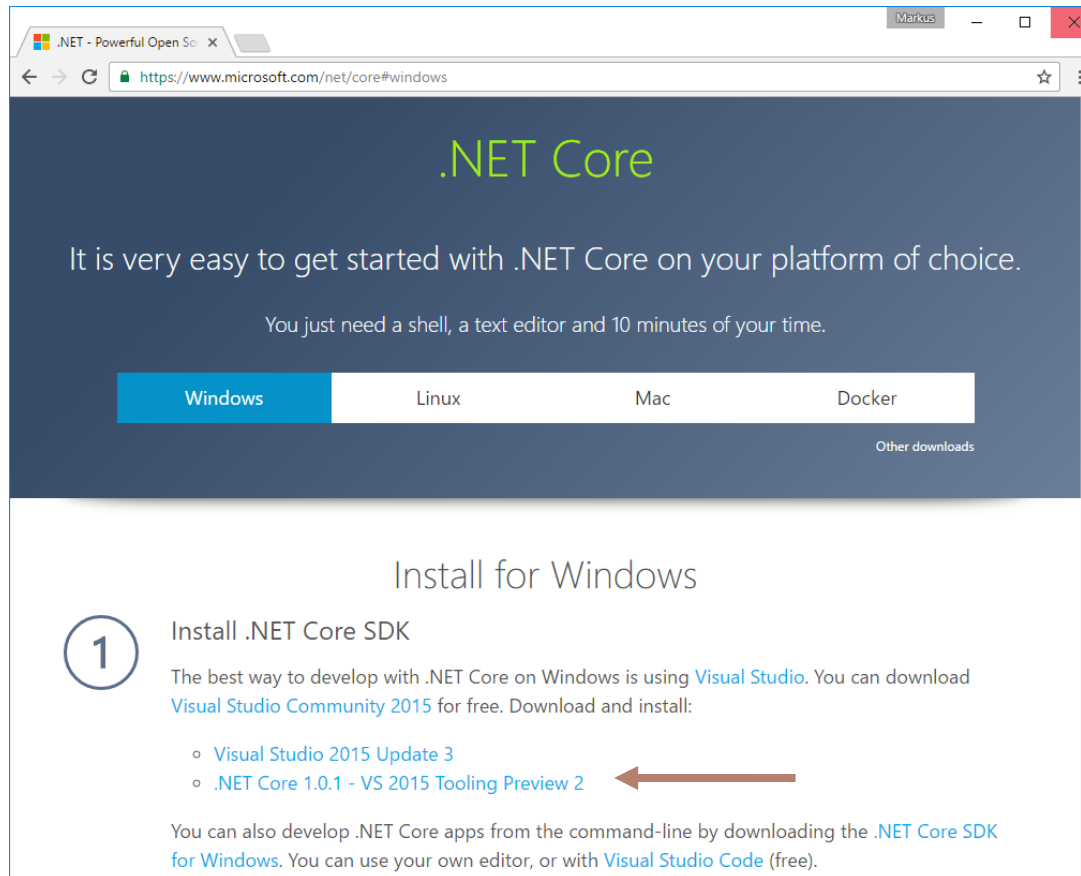


The screenshot shows a web browser window displaying the Microsoft Imagine X website. The page is titled "Microsoft Imagine X" and "Technische Universität Chemnitz - Microsoft Imagine Premium". The main content area features a search bar with the text "Produktsuche" and a shopping cart icon labeled "Warenkorb 0". Below this, a section titled "Visual Studio 2015 Enterprise Update 3" is highlighted. The product description states: "Visual Studio Enterprise 2015 with Update 3 is an integrated, end-to-end solution for teams of any size with demanding quality and scale needs." A language selection dropdown is set to "Deutsch". The product is listed as "Visual Studio Enterprise 2015 With Update 3 32/64-bit (German) - Microsoft Imagine" and is marked as "Kostenlos" (Free). A button "In den Warenkorb legen" (Add to cart) is visible, along with an "Express Checkout" button.

.NET Core VS 2015 Tooling

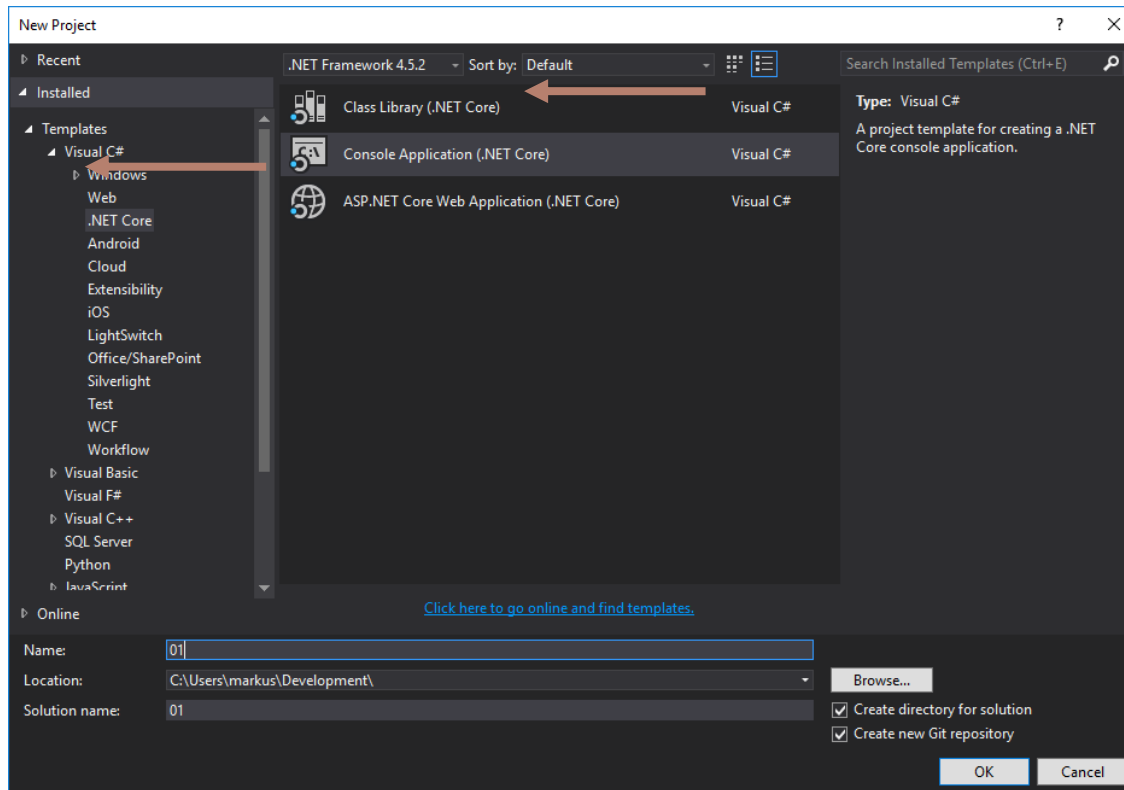
Download at

<https://www.microsoft.com/net/core#windows>



Test your installation

- Open Visual Studio
- Create new Project: File → New → Project
- If you are able to create a Console Application (.NET Core) as shown in the screenshot, your installation works



For

- Visual Studio Code
- .NET Core SDK for Windows

Follow instructions for Linux/macOS.



For **LINUX/MACOS**



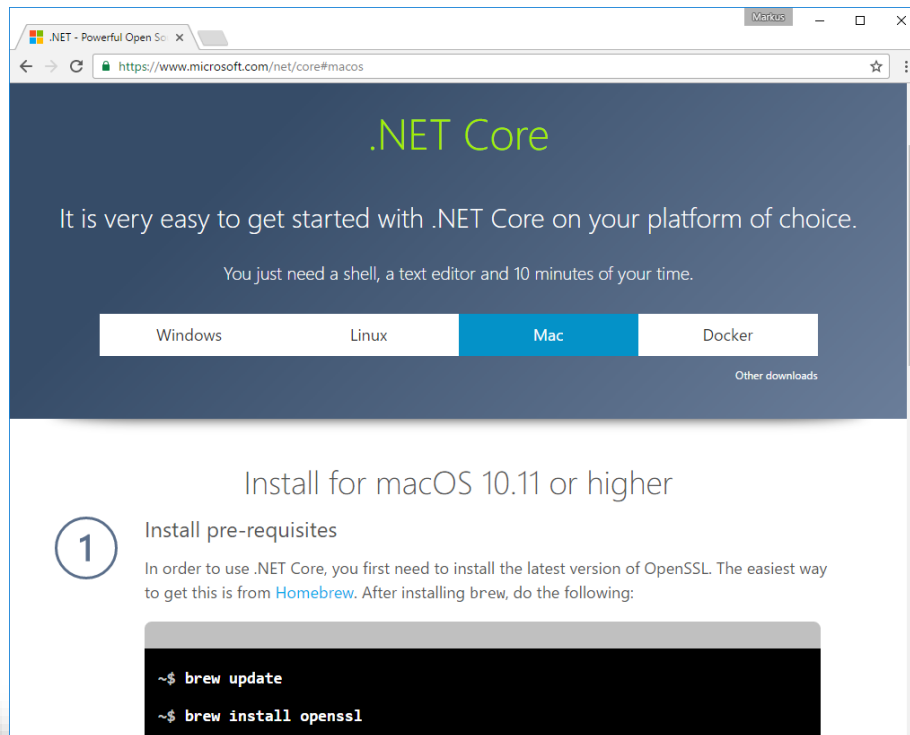
What you need

- Visual Studio Code
<https://code.visualstudio.com>
- .NET Core SDK



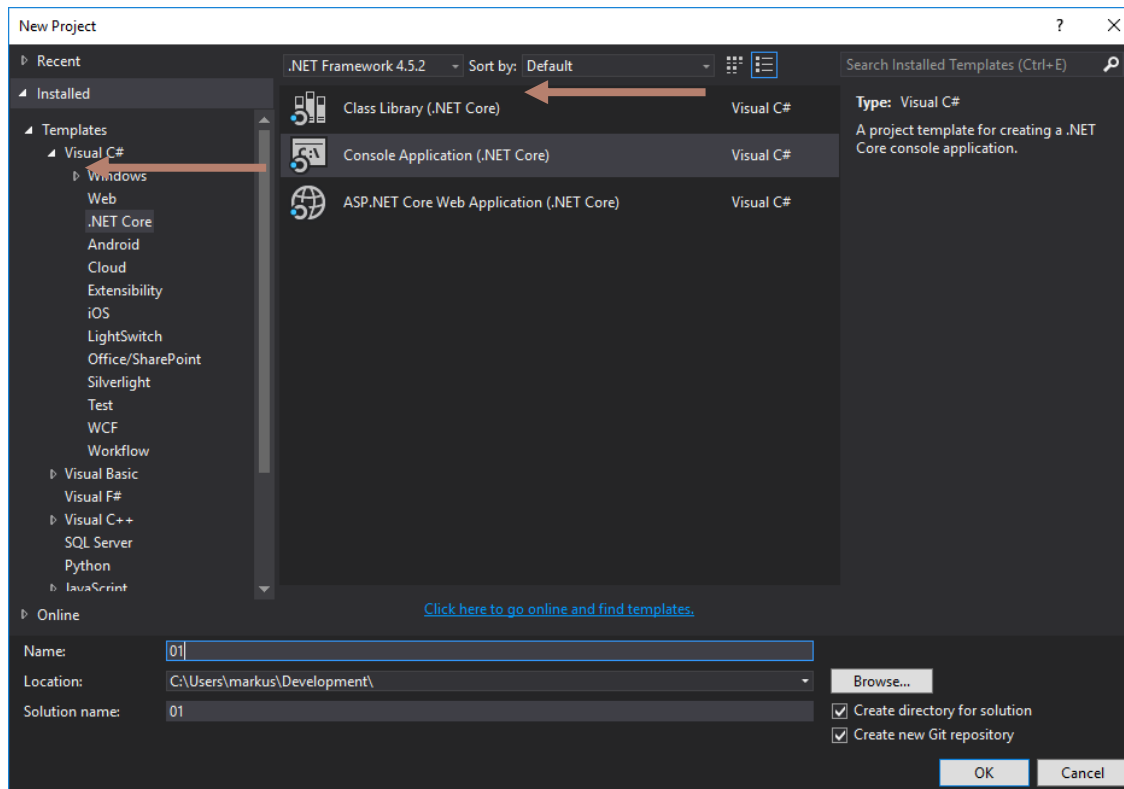
Install .NET Core SDK

- Follow instructions for your individual operating system
- <https://www.microsoft.com/net/core>



Test your installation

- Open Visual Studio
- Create new Project: File → New → Project
- If you are able to create a Console Application (.NET Core) as shown in the screenshot, your installation works



Test your installation

```
2. fish /private/tmp/test (fish)

/private/tmp
% mkdir test

/private/tmp
% cd test/

/private/tmp/test
% dotnet new -t Console
Created new C# project in /private/tmp/test.

/private/tmp/test
% dotnet restore
log : Restoring packages for /private/tmp/test/project.json...
log : Writing lock file to disk. Path: /private/tmp/test/project.lock.json
log : /private/tmp/test/project.json
log : Restore completed in 1827ms.

/private/tmp/test
% dotnet run
Project test (.NETCoreApp,Version=v1.0) will be compiled because expected outputs are missing
Compiling test for .NETCoreApp,Version=v1.0

Compilation succeeded.
0 Warning(s)
0 Error(s)

Time elapsed 00:00:01.3569972

Hello World!
/private/tmp/test
% █
```

← If “Hello World!” is
printed, your
installation works

