

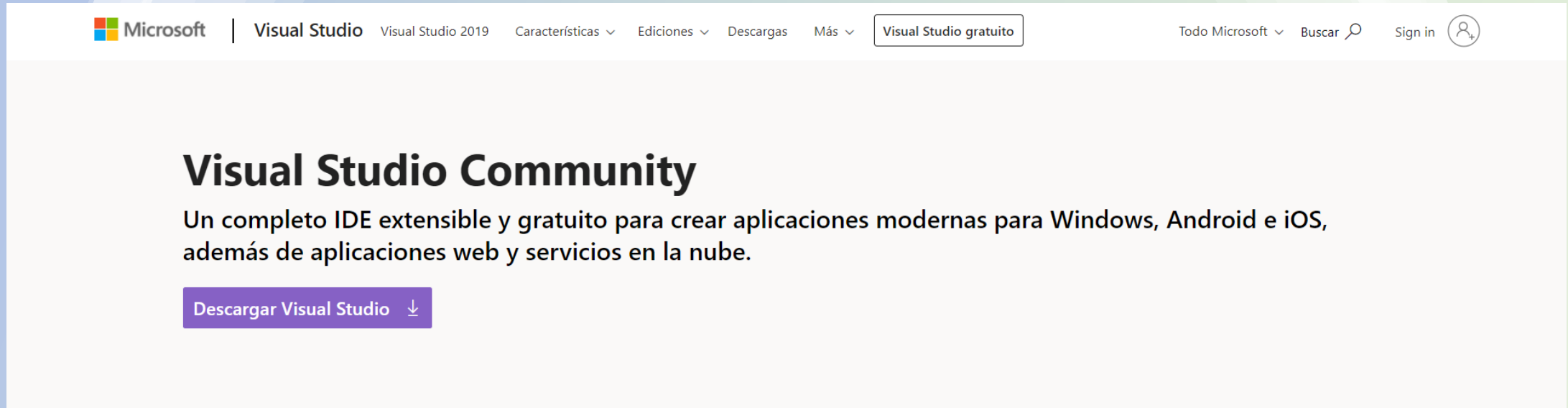
Instalación de Visual Studio

Programación Orientada a Objetos

2021-2

Ing. Jesús Jair Camacho Alfaro

Descargar el instalador desde el siguiente enlace:
<https://visualstudio.microsoft.com/es/vs/community/>



The screenshot shows the top navigation bar of the Visual Studio website. It includes the Microsoft logo, the 'Visual Studio' brand name, and several menu items: 'Visual Studio 2019', 'Características', 'Ediciones', 'Descargas', and 'Más'. A prominent button labeled 'Visual Studio gratuito' is also present. On the right side of the navigation bar, there are links for 'Todo Microsoft', a search icon, and a 'Sign in' button with a user profile icon.

Visual Studio Community

Un completo IDE extensible y gratuito para crear aplicaciones modernas para Windows, Android e iOS, además de aplicaciones web y servicios en la nube.

[Descargar Visual Studio](#) ↓

Todo lo que necesita en un único lugar



Flexibilidad

Cree aplicaciones para cualquier plataforma



Productividad

Diseñadores, editores, depuradores y generadores de



Ecosistema

Acceda a miles de extensiones

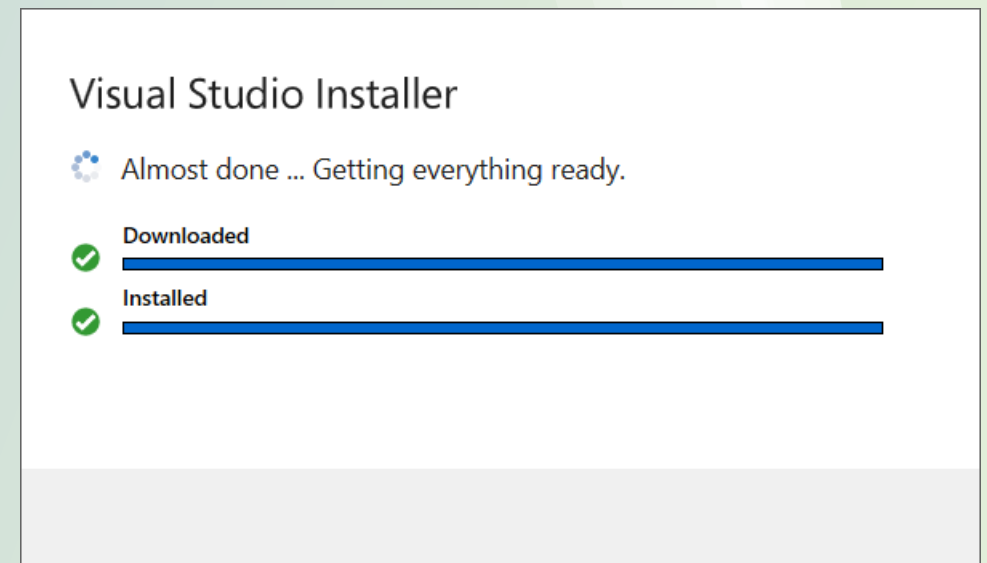
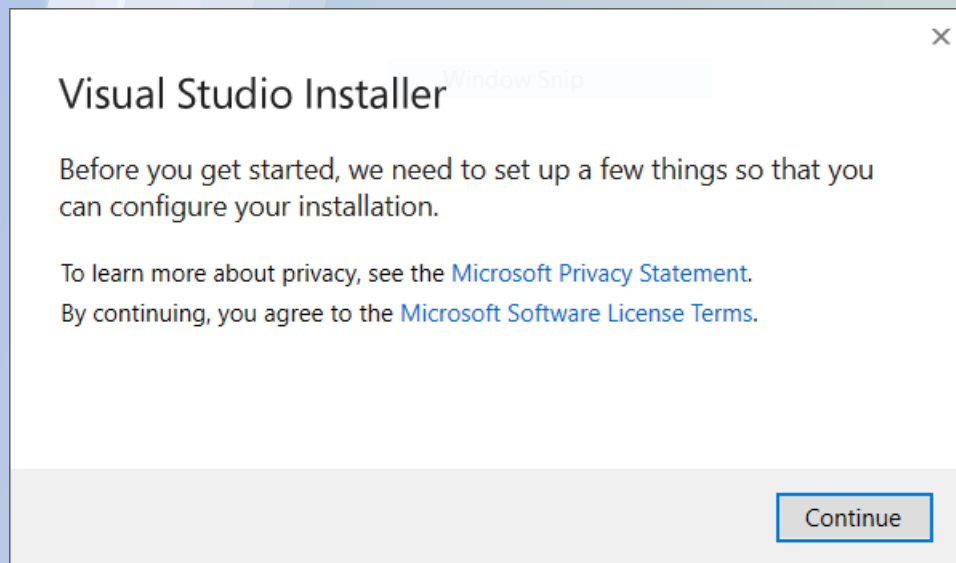


Lenguajes

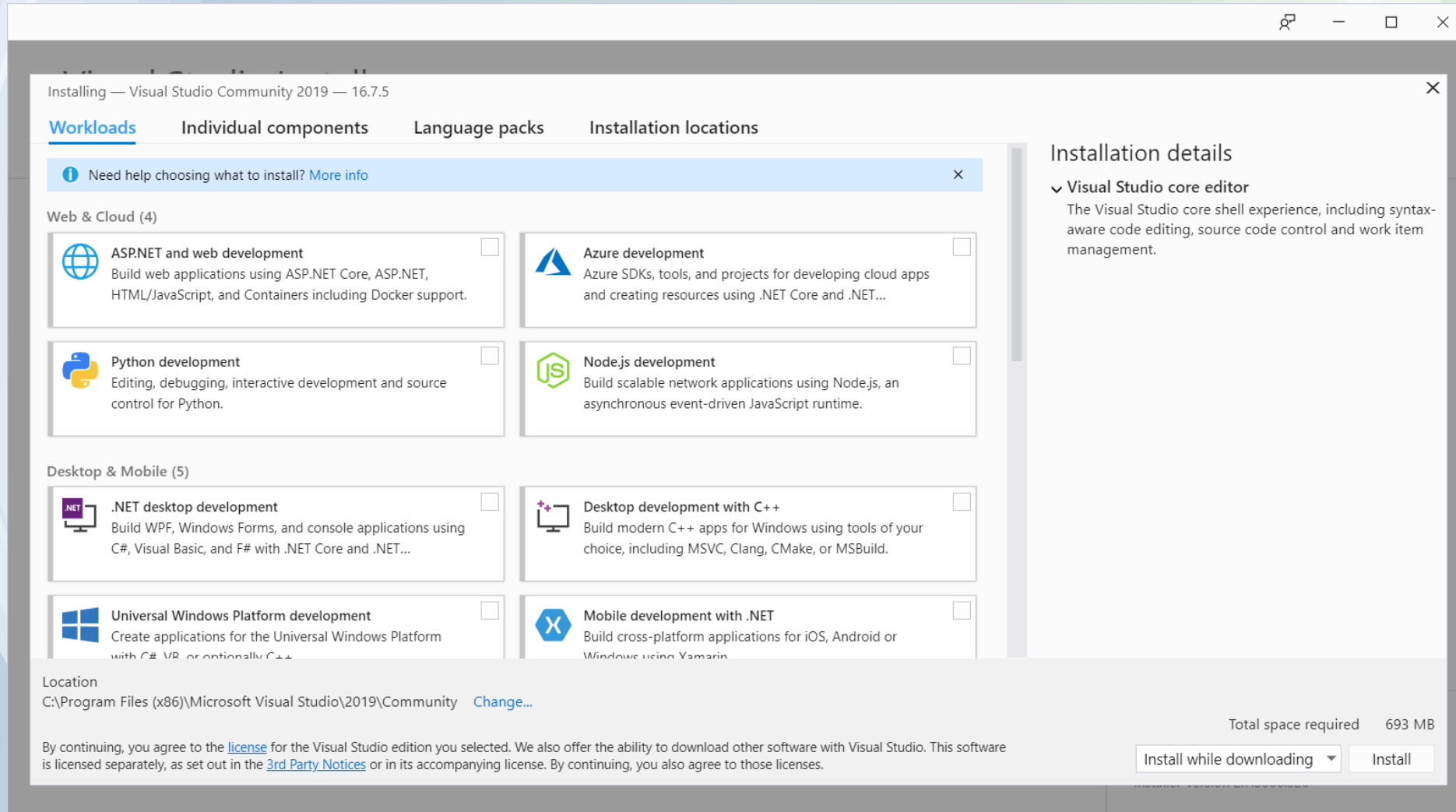
Programar en C#, Visual Basic, F#, C++, HTML, JavaScript, TypeScript,



Ejecutar el instalador como administrador, deberán de ver la siguiente ventana, dar clic en continuar para iniciar la descarga de los recursos del instalador.



Para este curso se necesita seleccionar el módulo .Net desktop development, opcionalmente pueden agregar más módulos.



The screenshot shows the Visual Studio installation wizard for the Community 2019 16.7.5 edition. The 'Workloads' tab is active, displaying a grid of workload options. The 'Web & Cloud' category includes ASP.NET and web development, Azure development, Python development, and Node.js development. The 'Desktop & Mobile' category includes .NET desktop development, Desktop development with C++, Universal Windows Platform development, and Mobile development with .NET. The 'Installation details' pane on the right shows the 'Visual Studio core editor' selected. At the bottom, the installation location is set to 'C:\Program Files (x86)\Microsoft Visual Studio\2019\Community' and the total space required is 693 MB. An 'Install while downloading' dropdown and an 'Install' button are visible.

Installing — Visual Studio Community 2019 — 16.7.5

Workloads Individual components Language packs Installation locations

Need help choosing what to install? [More info](#)

Web & Cloud (4)

- ASP.NET and web development**
Build web applications using ASP.NET Core, ASP.NET, HTML/JavaScript, and Containers including Docker support.
- Azure development**
Azure SDKs, tools, and projects for developing cloud apps and creating resources using .NET Core and .NET...
- Python development**
Editing, debugging, interactive development and source control for Python.
- Node.js development**
Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.

Desktop & Mobile (5)

- .NET desktop development**
Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET Core and .NET...
- Desktop development with C++**
Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.
- Universal Windows Platform development**
Create applications for the Universal Windows Platform with C#, VB, or optionally C++.
- Mobile development with .NET**
Build cross-platform applications for iOS, Android or Windows using Xamarin.

Installation details

- Visual Studio core editor
The Visual Studio core shell experience, including syntax-aware code editing, source code control and work item management.

Location
C:\Program Files (x86)\Microsoft Visual Studio\2019\Community [Change...](#)

Total space required 693 MB

By continuing, you agree to the [license](#) for the Visual Studio edition you selected. We also offer the ability to download other software with Visual Studio. This software is licensed separately, as set out in the [3rd Party Notices](#) or in its accompanying license. By continuing, you also agree to those licenses.

Install while downloading



Opcionalmente pueden agregar más módulos, dar clic en Install para iniciar la instalación.

The screenshot shows the Visual Studio 2019 installation wizard. The main window is titled "Installing — Visual Studio Community 2019 — 16.7.5". It has four tabs: "Workloads", "Individual components", "Language packs", and "Installation locations". The "Workloads" tab is active, showing a list of workloads under two categories: "Web & Cloud (4)" and "Desktop & Mobile (5)".

Web & Cloud (4)

- ASP.NET and web development: Build web applications using ASP.NET Core, ASP.NET, HTML/JavaScript, and Containers including Docker support.
- Azure development: Azure SDKs, tools, and projects for developing cloud apps and creating resources using .NET Core and .NET...
- Python development: Editing, debugging, interactive development and source control for Python.
- Node.js development: Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.

Desktop & Mobile (5)

- .NET desktop development: Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET Core and .NET...
- Desktop development with C++: Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.
- Universal Windows Platform development: Create applications for the Universal Windows Platform with C#, VB, or optionally C++.
- Mobile development with .NET: Build cross-platform applications for iOS, Android or Windows using Xamarin.

Installation details

- > Visual Studio core editor
- ✓ .NET desktop development
 - Included
 - ✓ .NET desktop development tools
 - ✓ .NET Framework 4.7.2 development tools
 - ✓ C# and Visual Basic
 - ✓ IntelliCode
 - Optional
 - .NET Core development tools
 - .NET Core 2.1 Runtime (LTS)
 - .NET Framework 4 – 4.6 development tools
 - Blend for Visual Studio
 - Entity Framework 6 tools
 - .NET profiling tools
 - Just-In-Time debugger
 - Live Share
 - ML.NET Model Builder (Preview)
 - F# desktop language support
 - PreEmptive Protection - Dotfuscator
 - .NET Framework 4.6.1 development tools

Location
C:\Program Files (x86)\Microsoft Visual Studio\2019\Community [Change...](#)

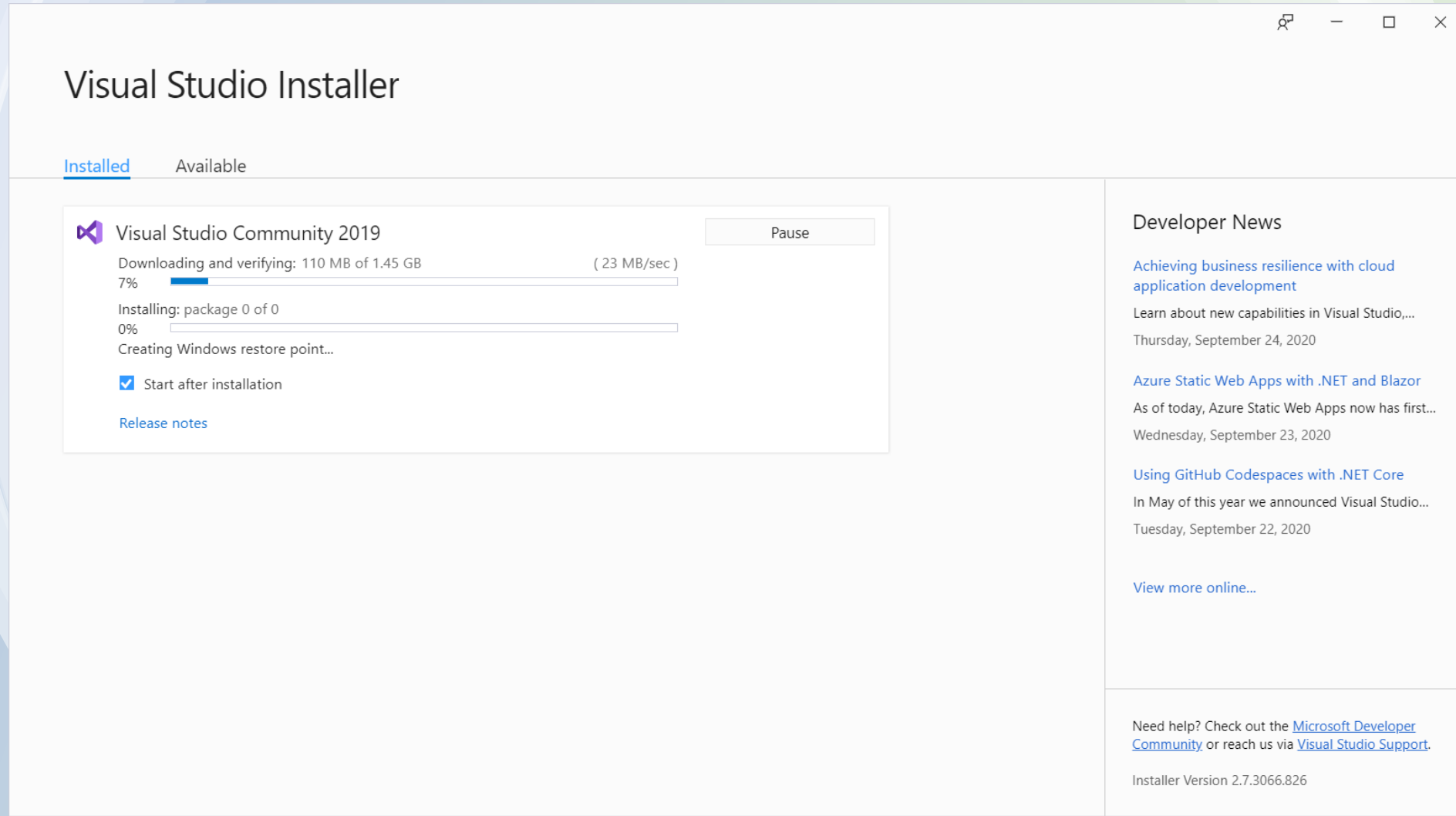
Total space required 5.19 GB

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[Install while downloading](#) [Install](#)



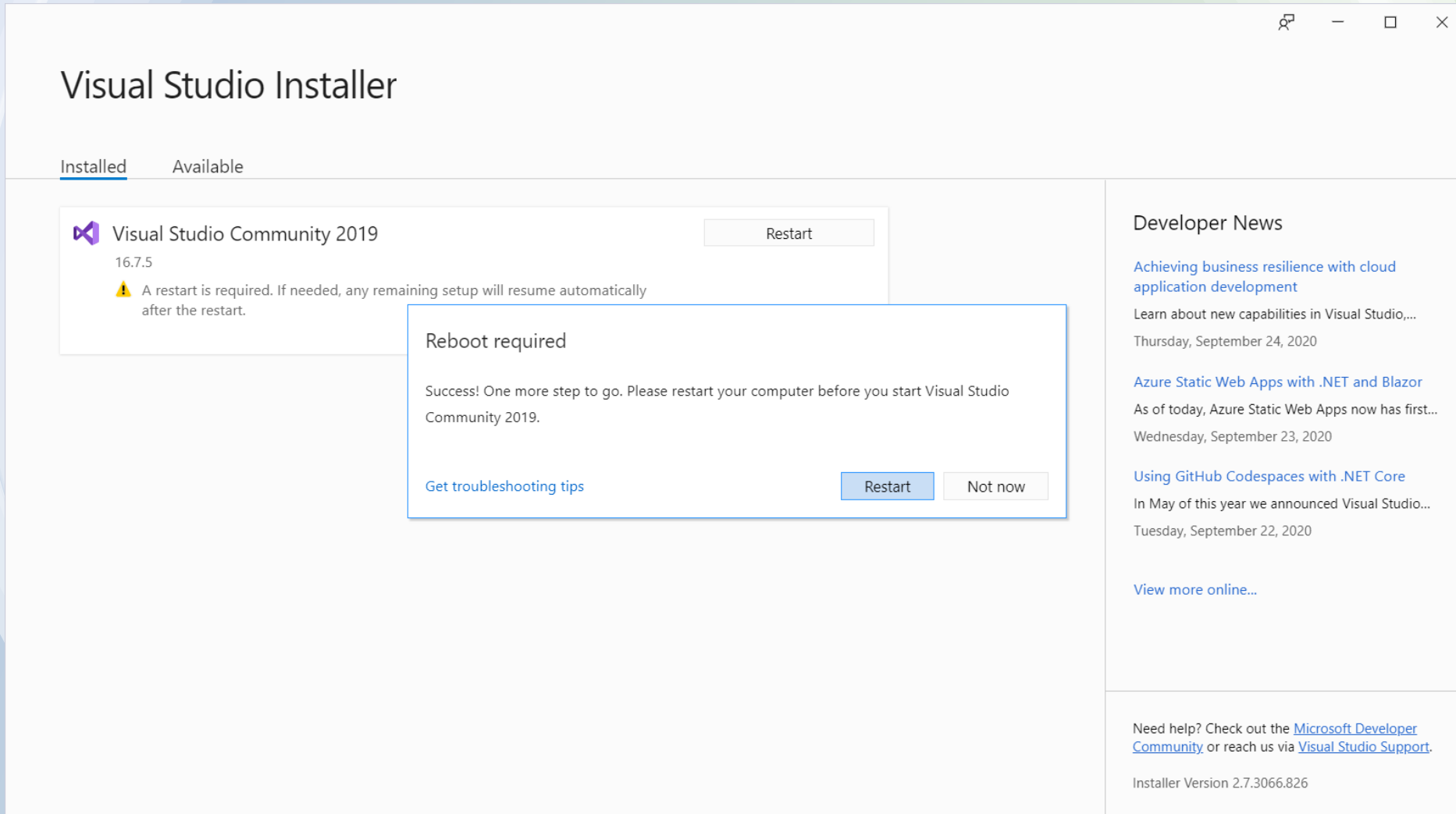
Dependiendo de los módulos seleccionados la instalación puede tardar de 40 minutos a dos horas.



The screenshot shows the Visual Studio Installer window. The title bar reads "Visual Studio Installer". Below the title bar, there are two tabs: "Installed" (selected) and "Available". The main content area displays the installation progress for "Visual Studio Community 2019". It shows a "Pause" button, a progress bar for "Downloading and verifying: 110 MB of 1.45 GB" at 7% (23 MB/sec), a progress bar for "Installing: package 0 of 0" at 0%, and the text "Creating Windows restore point...". There is a checked checkbox for "Start after installation" and a link for "Release notes". On the right side, there is a "Developer News" section with three articles: "Achieving business resilience with cloud application development" (Thursday, September 24, 2020), "Azure Static Web Apps with .NET and Blazor" (Wednesday, September 23, 2020), and "Using GitHub Codespaces with .NET Core" (Tuesday, September 22, 2020). At the bottom right, there is a link for "Need help? Check out the Microsoft Developer Community or reach us via Visual Studio Support." and the text "Installer Version 2.7.3066.826".



Al terminar la instalación se deberá de reiniciar el equipo



The screenshot shows the Visual Studio Installer window. The title bar reads "Visual Studio Installer". Below the title bar, there are two tabs: "Installed" (selected) and "Available". The main content area displays the installation progress for "Visual Studio Community 2019" (version 16.7.5). A "Restart" button is visible. A yellow warning icon indicates that a restart is required. A dialog box titled "Reboot required" is overlaid on the installer, stating: "Success! One more step to go. Please restart your computer before you start Visual Studio Community 2019." The dialog box includes a "Restart" button and a "Not now" button. To the right of the installer, there is a "Developer News" section with several articles and a "View more online..." link. At the bottom right, there is a link to the "Microsoft Developer Community" and "Visual Studio Support", and the text "Installer Version 2.7.3066.826".

Visual Studio Installer

Installed Available

Visual Studio Community 2019
16.7.5

Restart

⚠ A restart is required. If needed, any remaining setup will resume automatically after the restart.

Reboot required

Success! One more step to go. Please restart your computer before you start Visual Studio Community 2019.

Get troubleshooting tips Restart Not now

Developer News

[Achieving business resilience with cloud application development](#)
Learn about new capabilities in Visual Studio,...
Thursday, September 24, 2020

[Azure Static Web Apps with .NET and Blazor](#)
As of today, Azure Static Web Apps now has first...
Wednesday, September 23, 2020

[Using GitHub Codespaces with .NET Core](#)
In May of this year we announced Visual Studio...
Tuesday, September 22, 2020

[View more online...](#)

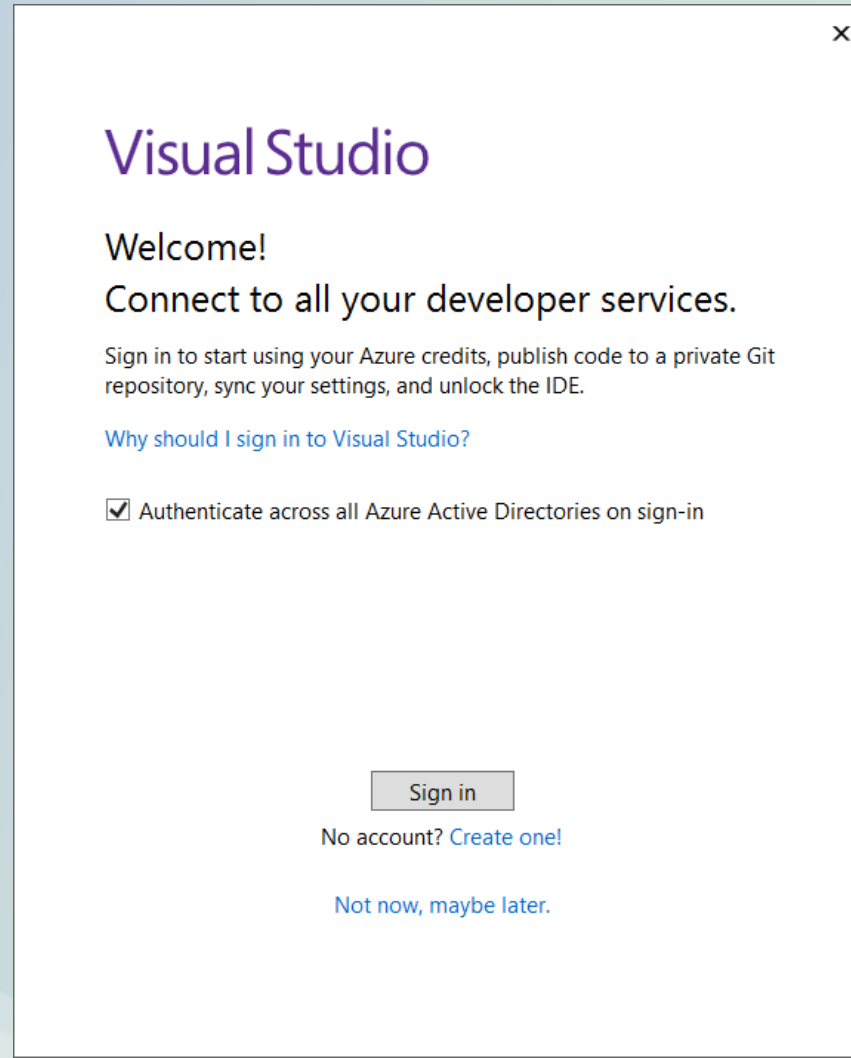
Need help? Check out the [Microsoft Developer Community](#) or reach us via [Visual Studio Support](#).

Installer Version 2.7.3066.826

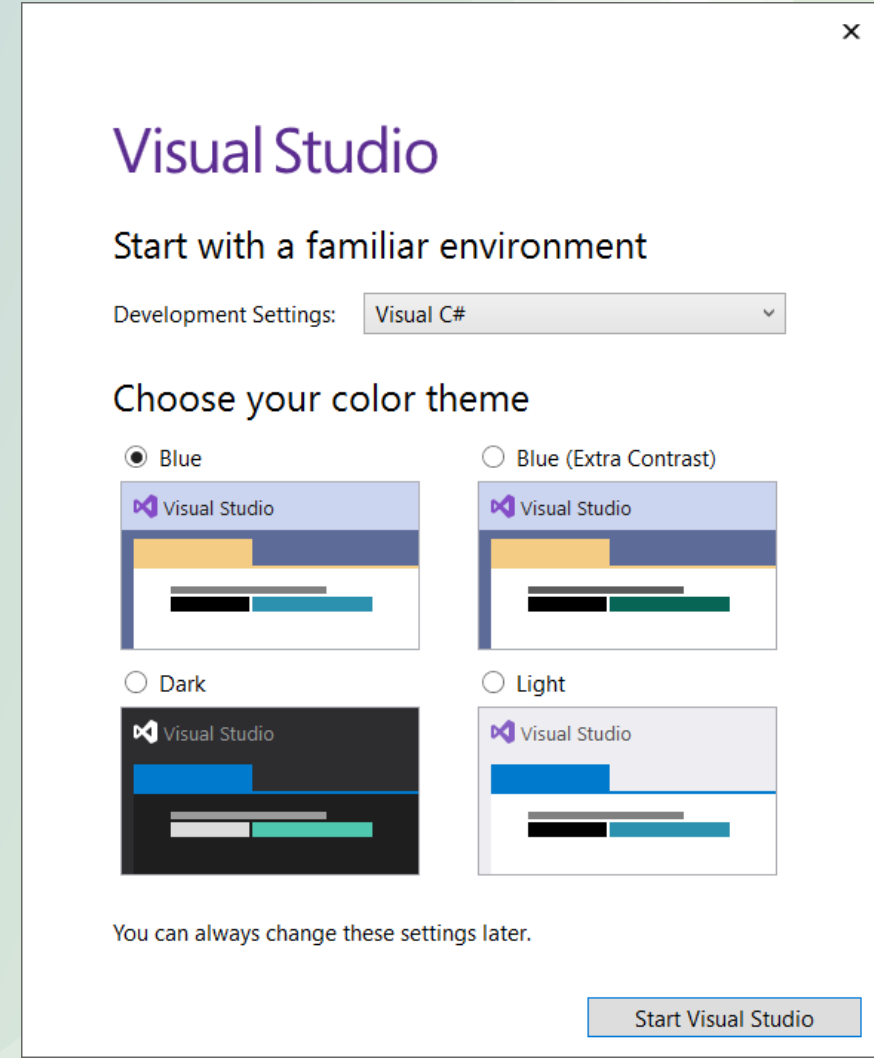
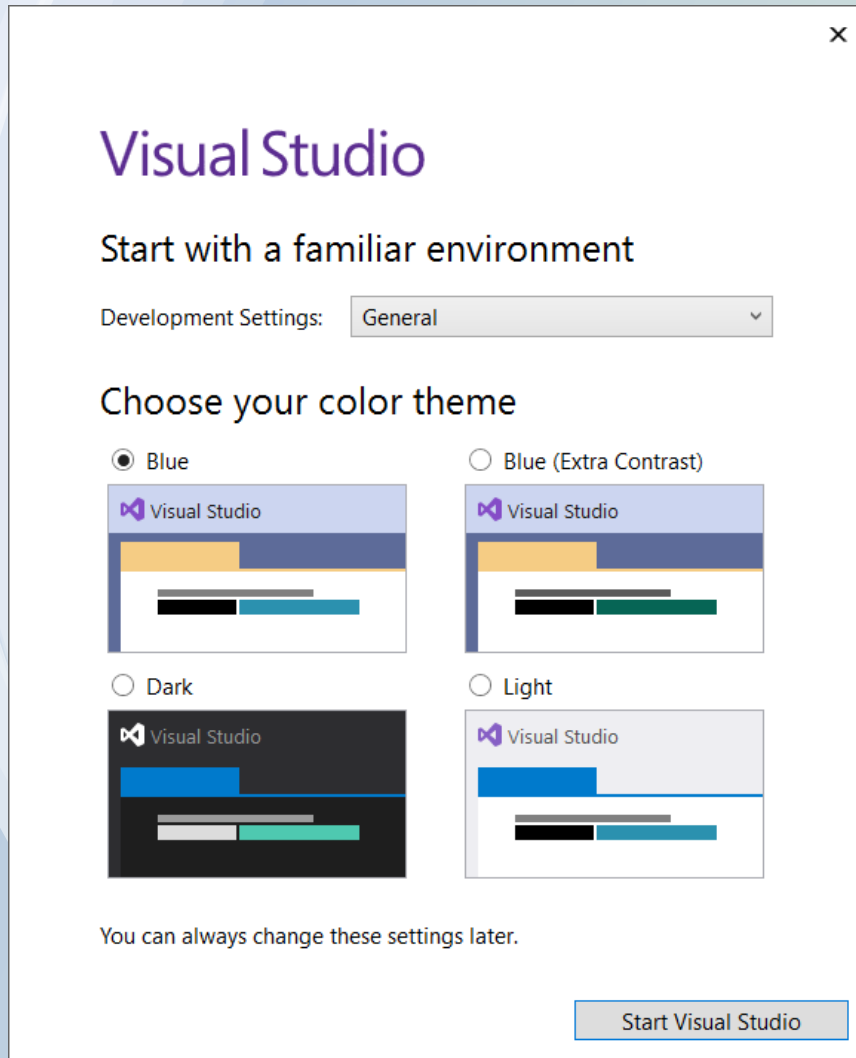


Una vez que el equipo se ha reiniciado, abrimos Visual Studio e iniciamos sesión con una cuenta de Microsoft (Hotmail, Outlook, etc).

* Deshabilitamos la autenticación en Azure



Selecciona la configuración del lenguaje predeterminado (pueden dejarlo en General) y el tema para Visual Studio.



Visual Studio se ha instalado correctamente

