

DISEÑO DE INTERFACES

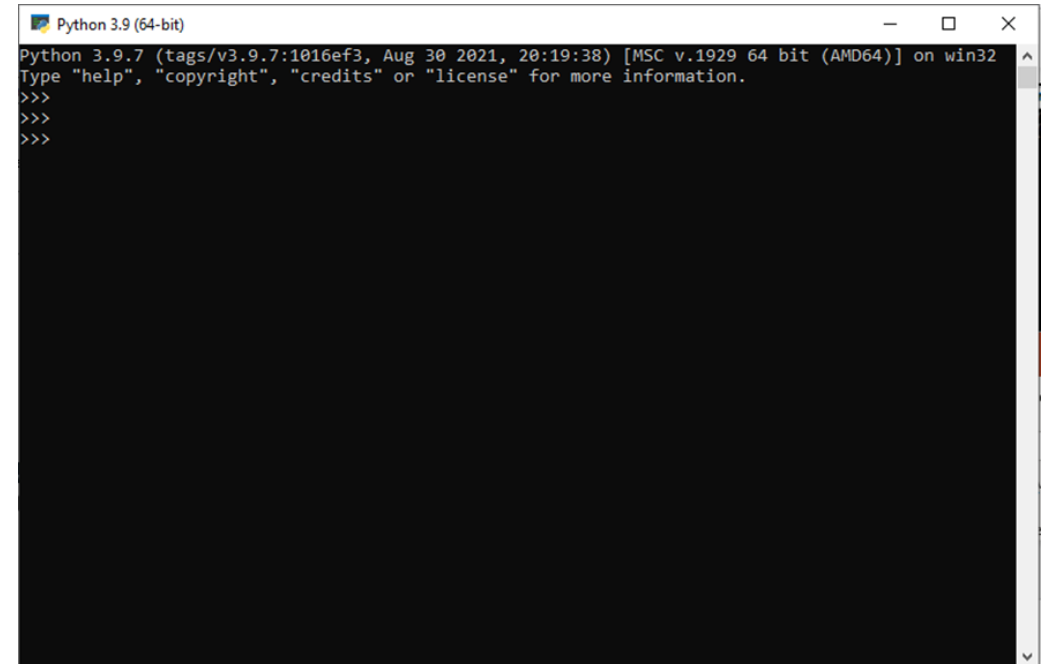
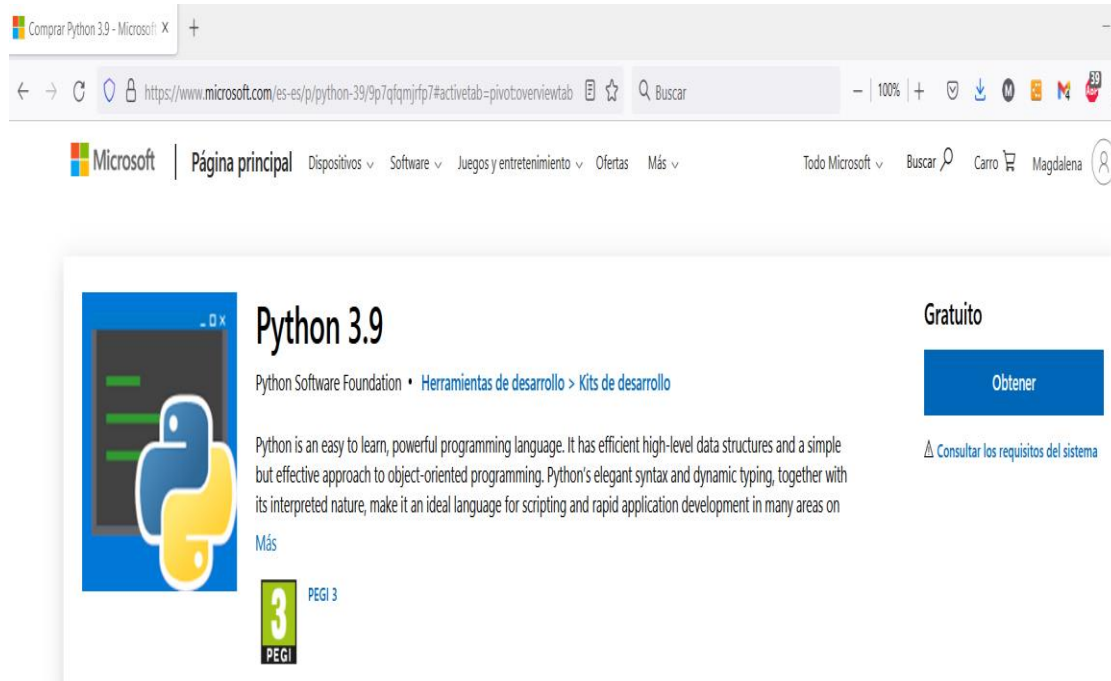
INTRODUCCIÓN - HERRAMIENTAS

Herramientas

- **Python**
- **Pycharm.** Hay varios IDE que permiten programar en Python usando los plugins adecuados como NetBeans o Eclipse. También se puede utilizar un editor como Notepad++, Sublime-Text, Visual Basic Code o Vim. Nosotros utilizaremos PyCharm.
- **Qt Designer.** Es un programa para el desarrollo de aplicaciones para el **Framework Qt** (QT Creator) para desarrollar interfaces gráficas de usuario en diferentes lenguajes debido a que genera un archivo XML cuyo contenido es el formato de dicho **GUI**, pudiéndolo convertir con los programas pertinentes a cada lenguaje de programación. **Qt** es utilizado entre otros por Google Earth, KDE, Adobe Photoshop, VLC media playes, Samsung, Philips, VirtualBox o la ESA.

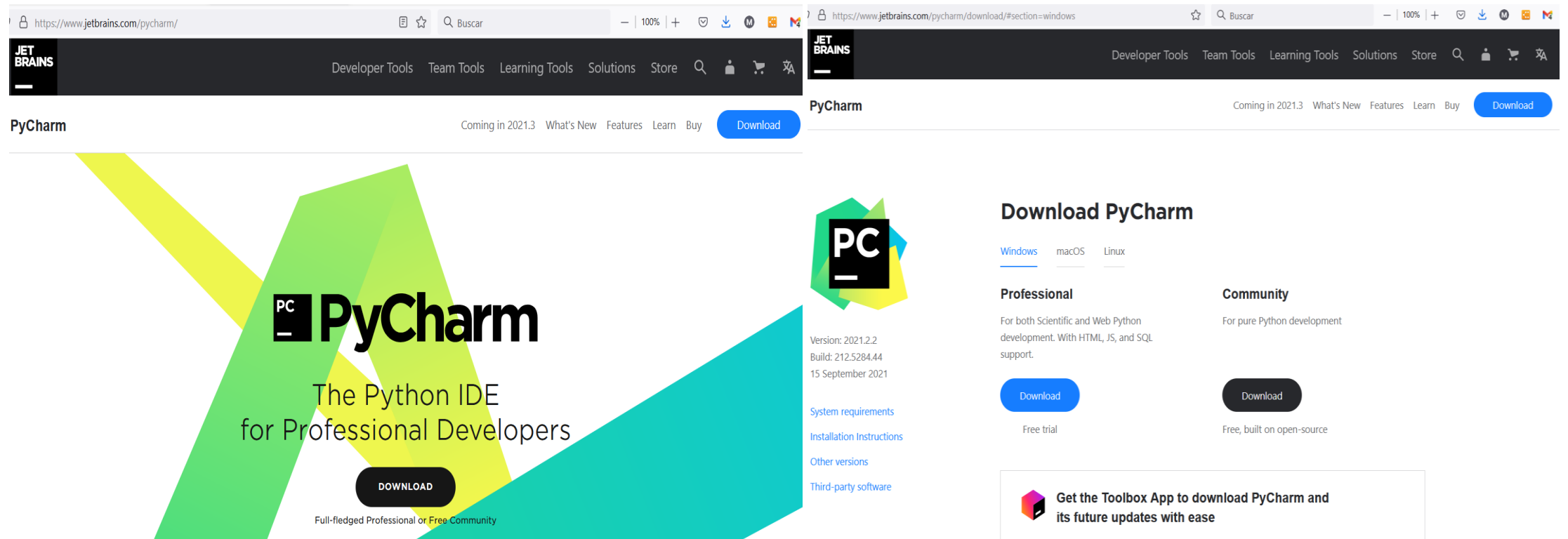
Python - Instalación

- En Microsoft Store buscamos **Python**. Click en *Obtener* y lanzamos el ejecutable. Terminada la instalación, podemos buscar en *Inicio* el programa **Python** y ejecutarlo.



IDE Pycharm - Instalación

<https://www.jetbrains.com/edu-products/>



The image shows a screenshot of the JetBrains PyCharm website. The top navigation bar includes the JetBrains logo and links for Developer Tools, Team Tools, Learning Tools, Solutions, and Store. The main heading is "PyCharm" with a "Download" button. Below this, the text "The Python IDE for Professional Developers" is displayed. A large graphic features the PyCharm logo and the text "Full-fledged Professional or Free Community". To the right, the "Download PyCharm" section is visible, with tabs for Windows, macOS, and Linux. The "Professional" tab is selected, showing a "Download" button and the text "Free trial". The "Community" tab is also visible, showing a "Download" button and the text "Free, built on open-source".

PyCharm

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Get the Toolbox App to download PyCharm and its future updates with ease

Qt Designer – Instalación

<https://build-system.fman.io/qt-designer-download>

fman build system

Features Documentation Book Pro




Qt Designer Download

Install Qt Designer on Windows or Mac.
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Many people want to use Qt Designer without having to download gigabytes of other software. Here are small, standalone installers of Qt Designer for Windows and Mac:

 Windows (31 MB)

 Mac (40 MB)

If you encounter any problems, please just [send us an email](#). We'd be happy to help.