CTViewer - READ ME

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This document provides developers with the details necessary to download the source code, compile and run the CTViewer application.

CTViewer is written in C# as a Microsoft Visual Studio project. Developers will need to have a version of Visual Studio 2022 or later with C# and Windows Presentation Foundation (WPF) extensions installed. CTViewer currently runs only on Windows operating systems, it has not been ported to Mac or Linux.

As of this writing, the source code is available to compile and run within Visual Studio. Compiled \*.exe files have not been created for download, local install and running outside of Visual Studio.

Developers need to do the following:

1. Prerequisites
   1. Install a version of Visual Studio 2022 or later, install C# and WPF extensions
   2. Set up a directory with the DICOM images to be analyzed. Edited and saved images will result in new files being created, originals remain unchanged. Users need to provide their own images or obtain samples from the web.
   3. Download the Visual Studio project from GitHub
2. Start Visual Studio and open the \*.sln solution file from your source code download directory.
3. Compile by doing a Clean solution, then Build.
4. Run by clicking the green run arrow.
5. There will be an OK prompt to let the user know the CTViewer has been started. Click OK and the CTViewer will appear, ready to open an image file.