# Compiling and using CheckTag.exe

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This is a quick piece of code for summarising the tags in a DICOM file. It is based in part on the code at:

<https://github.com/rcd/mdcm/wiki/Working-with-DICOM-Data-Elements> (February 2012)

It is not pretty, but it does the job. This should be considered alpha code.

To Compile: You need to download and compile in Visual Studio 2010 the project from:

<https://github.com/charlescrichton/mdcm>

And reference the Dicom.SP.Sandbox.DLL file.

Then compile this solution.

To Use:

Run CheckTag.exe <Directory> [OutputFIle]

* <Directory> is the directory which you want the program to scan for DICOM files (\*.dcm) – sub-directories are also scanned.
* [OutputFile] is an optional path to a file which.

This gives an output of the tags listed in the "docs/Tags to check" document. (Although a few of the tags listed there have been commented out in the code.)