

Spike: 02**Title:** Intro to Visual Studio**Author:** Ford Killeen, 9731822**Goals / deliverables:***Goals this spike aims to achieve.*

- To close the knowledge gap of someone unfamiliar with Visual Studio
- To create a working project in Visual Studio of the simple command line program from spike 1
- To create a short report to document how the project can be set up, built, run and debugged

Deliverables required.

- Spike report
- VS report
- Newly created Visual Studio project for the spike 1 console application

Technologies, Tools, and Resources used:

The following is required to complete this spike.

- Visual Studio 2015 (or similar)
- Source code from spike 1 console application

Tasks undertaken:

To achieve the goals of this spike, follow through the attached report to learn how to achieve the below objectives in Visual Studio.

- Ensure Visual Studio 2015 (or similar) is installed
- Open Visual Studio and follow the steps on how to create a new project and get started
- Follow the steps on how to add breakpoints to your code
- Follow the steps on how to inspect variables and better debug your code

What we found out:

By completing this spike we found out how to successfully create and set up a new project in Visual Studio 2015, along with how to add new or existing files, add breakpoints and debug our code. This is a very useful skill to learn as the Visual Studio IDE is very popular and very powerful with the more knowledge you have about it.

Open issues/risks:

The only risk that arose was:

- “Fatal error C1010, Unexpected end of file looking for precompiled header” which was solved by disabling the use of precompiled headers for this project.

Recommendations:

As I have used Visual Studio for quite some time now I am very familiar with creating new projects, adding breakpoints and debugging applications, but completing this spike still adds to my overall knowledge and competency. I would recommend to anyone else unsure about header files (myself included), to look into them and understand how they work and why you should include them.