

Task 5 - Spike: IDE Familiarity

CORE SPIKE

Context: There are many IDE tools available and developers need to be able to make informed decisions in order to be productive with the tools they select.

Knowledge/Skill Gap: The developer is not familiar with the current version of Visual Studio.

Goals/Deliverables:

[SPIKE REPORT] + [SHORT REPORT]

1. Using the simple command line program from Task 3 (Gridworld) create a working project using Visual Studio
2. Create a short report to document your findings. (Note: the short report is NOT the spike report - you should have two reports for this spike.) Include the following details:
 - a. A point-form list of the steps required to create a new project in Visual Studio, add new files, compile and run a command line program.
 - b. A point-form list of the steps required to create a breakpoint location in the program, and run the program in using Visual Studio's Integrated debugging system so that program execution stops at the nominated point.
 - c. Note how to inspect the value of variables during debugging.

Recommendations:

- Assume you are writing steps to help a colleague to create a project.
- As a review, show your steps with some other students. Make sure your notes make enough sense! Update any suggestions or omissions so that your notes are valuable.
- Be sure to note the version numbers of the software you use in your spike outcome report.
- Remember that spikes should be about the doing the minimum required to close the gap in knowledge or skill (or technology). However if you do not write enough so that someone else would understand, you have not completed the spike task correctly.