

Spike outcomes

Name: spike 01: Familiarize with Lua

Goals:

The team needs to be familiar with the Lua language at a basic level, as we have found the tools for lua use with the esp8266 are at a higher and more user friendly level than with C.

Personnel:

Who is the contact for this spike, and who is the backup?

primary - Luke

Technologies, Tools, and Resources used:

- <http://code.google.com/p/luaforwindows/downloads/list>
- [http://en.wikipedia.org/wiki/Lua_\(programming_language\)](http://en.wikipedia.org/wiki/Lua_(programming_language))
- <http://luatut.com/>
- <http://stackoverflow.com/questions/16692580/how-do-i-run-a-lua-script>
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Tasks undertaken:

Wrote the lua script "spike01_lua", which demonstrates how to do various things in lua.

What we found out:

- You can run a lua script by drag and drop it onto lua.exe window.
- Lua is easy to use, and should not pose any problems to the team.