# How to set up blockly on windows machine for experimentation

1. Fork online blockly repository to your account
   1. [google/blockly: The web-based visual programming editor. (github.com)](https://github.com/google/blockly)
2. Create SSH key-gen pair for authentication
   1. Gitbash or powershell
      1. ssh-keygen
      2. only in gitbash now
         1. ssh-add [path to private key]
3. Add ssh public key to github by copying contents of .pub file into github
4. Clone forked repository locally
   1. Git clone [git path]
   2. Path is found by navigating to repo online and clicking the code button
5. Inside local repo run npm install with powershell
6. Check for gulp
   1. Gulp --version
   2. If not present, npm install --global gulp-cli
7. Build local distribution with powershell
   1. npm run clean
      1. Ensures fresh slate by removed dist and build folders
   2. npm run package
8. Inject blockly into a web application
   1. [Get Blockly  |  Google for Developers](https://developers.google.com/blockly/guides/get-started/get-the-code)
      1. Replace script paths with dist/script-name.js
   2. [Fixed-sized Workspace  |  Blockly  |  Google for Developers](https://developers.google.com/blockly/guides/configure/web/fixed-size)