

Morning Session: GitHub, The Art of Project Development, Notebook Documents, 9am-12am

June 20, 2017

Wolfram Summer School 2017

Agenda

1. GitHub account and repo creation
 2. The Art of Project Development
 3. Notebook Documents
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0.1 GitHub

Created a repo and gave Giulio write permissions. Cloned the starthere repo.

1 The Art of Project Development

1.1 What NOT to do

1. “Infix gore”: Don’t be insanely verbose with infices.
2. “Anonymous function galore”: Name your variables when nesting functions! Not doing so makes for confusing code.
3. Inconsistency - e.g., using different conventions within one definition
4. Naming functions in different languages...

1.2 What to do

1. Use code cells! This can be done with `command+8`.
2. Indent! In particular, if the expression doesn’t fit in a single line, indent using multiple lines.
3. Use whitespace around operators.
4. Never use infices in multiline code.
5. It’s good to adopt the convention of `camelCasing` variable names, the way WL does.

1.3 TIPS

1. Double- and triple-clicking to do selection of code. This shows the scope of some function.
 - This is possible to do by keyboard shortcut.

2 Notebook Documents