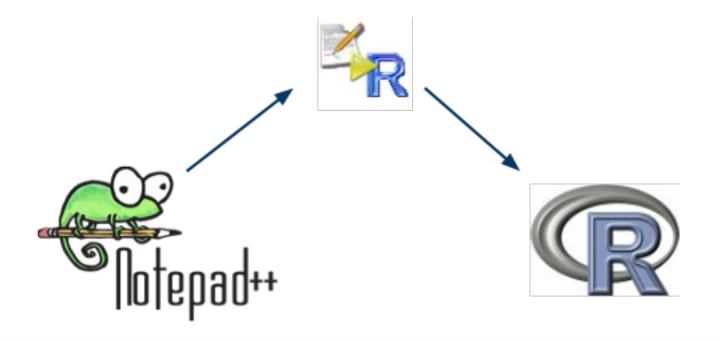# NppToR
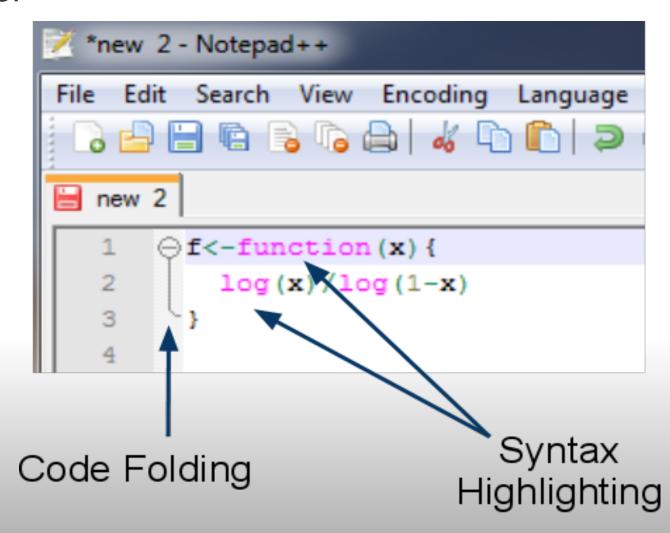## R Interactions for Notepad++

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Texas A&M University

Why Notepad++

- Powerful Code Editor
- Built from Scintilla
- Syntax highlighting
- Code folding
- Native Windows
- Powerful shortcuts
- Macros
- Extensions
- Updated frequently
- Large user base
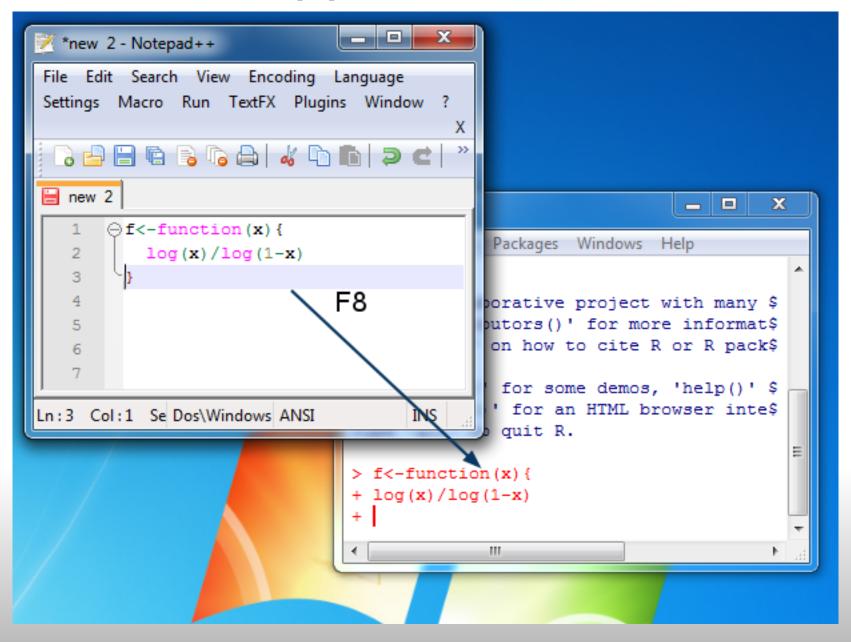

Code Folding

Syntax Highlighting

What is NppToR?

- System tray utility
- Facilitates interaction
- Adds syntax rules to Notepad++
- Simulation / Batch Monitor

What it is **NOT**:

- R package
- Notepad++ Add-on

NppToR

12:12 PM
7/15/2010

How to work NppToR?

Interaction Hotkeys
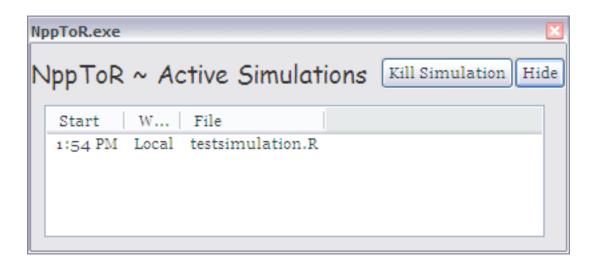
- F8 → Line or Selection
- [Shift]+F8 → Everything up to the cursor
- [Control]+F8 → Entire file
- [Control]+F1 → Help on current word or selection
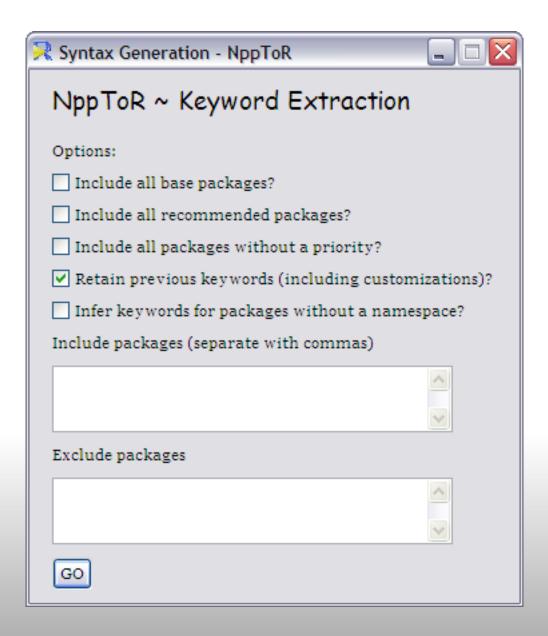
Simulations

- [Control]+[Alt]+F8 →Process file in batch mode and monitor.

Syntax Rule Extraction

- Dynamically extracts keywords using installed packages
- Allows users to change rules and colors and retain changes through updates
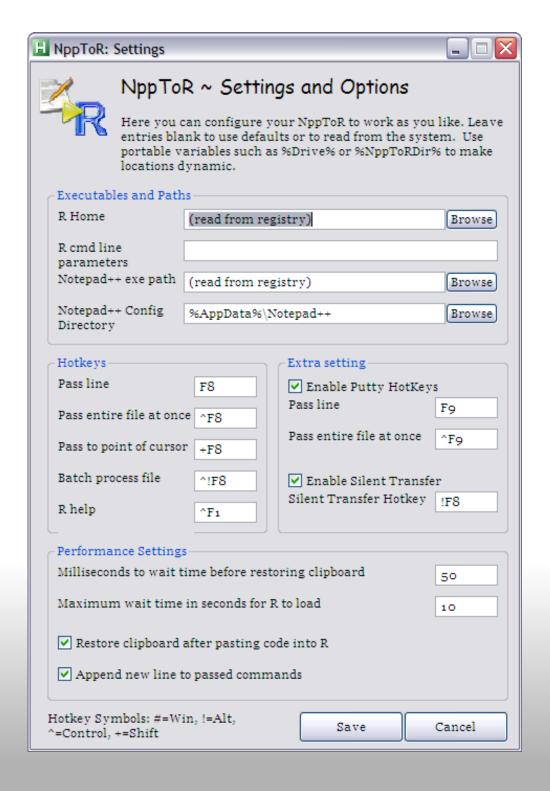
Settings

Totally customizable
- Hotkeys
- Starting R
- Portable Settings
- Performance

" Yeah, there's a setting for that "

NppToR: Settings

NppToR ~ Settings and Options

Here you can configure your NppToR to work as you like. Leave entries blank to use defaults or to read from the system. Use portable variables such as %Drive% or %NppToRDir% to make locations dynamic.

Executables and Paths

R Home | (read from registry) | Browse

R cmd line parameters | |

Notepad++ exe path | (read from registry) | Browse

Notepad++ Config Directory | %AppData%\Notepad++ | Browse

Hotkeys

Pass line | F8
Pass entire file at once | ^F8
Pass to point of cursor | +F8
Batch process file | ^!F8
R help | ^F1

Extra setting

☑ Enable Putty HotKeys
Pass line | F9
Pass entire file at once | ^F9

☑ Enable Silent Transfer
Silent Transfer Hotkey | !F8

Performance Settings

Milliseconds to wait time before restoring clipboard | 50

Maximum wait time in seconds for R to load | 10

☑ Restore clipboard after pasting code into R

☑ Append new line to passed commands

Hotkey Symbols: #=Win, !=Alt, ^=Control, +=Shift

Save | Cancel

Future of NppToR

- Work with Notepad++ and Scintilla to improve built in syntax rules for R
- Better performance on code passing.
- Improved interactions with Notepad++
  - Hidden Menus
  - Full screen
  - Better Silent Evaluation