# emergent keyboard shortcuts

Standard navigation keys

A variety of standard emacs/readline navigation keys have analogs throughout emergent. The first line of each top-level section lists which of these work there. On OSX you can swap the Cmd and Ctrl keys and Cmd+V is paste while Ctrl+V is Page Down.

Tab/Shift+Tab	Forward/Backwards through elements/interface
Page Up/Down	Move cursor to the top/bottom or first/last element
Ctrl+Space	Enable select as you navigate mode.
Ctrl+F	Move cursor forwards or expand node.
Ctrl+B	Move cursor backwards or expand node.
Ctrl+N	Move cursor down one line.
Ctrl+P	Move cursor up one line.
Ctrl+A	Move cursor to first character
Ctrl+E	Move cursor to last character
Ctrl+D	Delete item in focus or all selected items.
Ctrl+G	Deselect text or tree selection.
Ctrl+X	Cut.
Ctrl+C	Copy.
Ctrl+V	Paste.

Global project

Standard	Tab
Ctrl+S	Save project.
Ctrl+left	Backwards in navigation history
Ctrl+right	Forwards in navigation history
F5	Refresh GUI.
Ctrl/Alt+J	Move global focus left
Ctrl/Alt+L	Move global focus right

Project tree and program tree
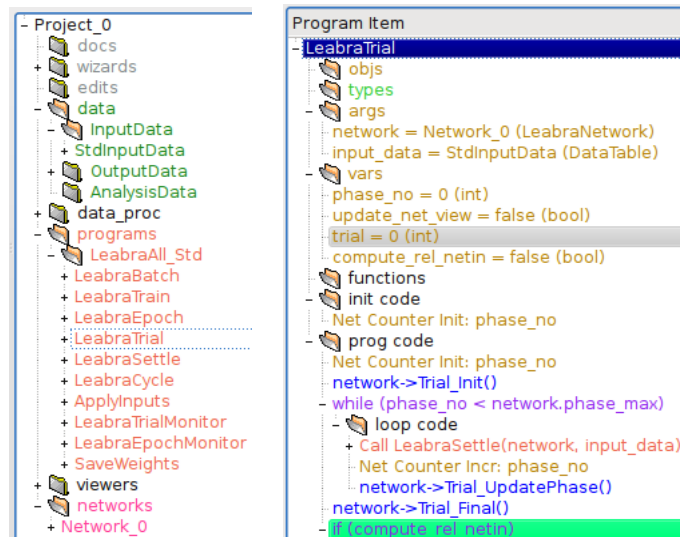
Standard	Page, Ctrl+Space/F/B/N/P/D/G/X/C/V
Any 1-3 chars	Find as you type
Ctrl+I	New item below cursor.
Alt+F	Find from selected node.
Ctrl+M	Duplicate element(s).

New elements in project tree

The project tree contains the most important organizational elements of an emergent project. These include Wizards, DataTables, Programs and Networks.

|	
do Ctrl+I	New Doc
da Ctrl+I	New DataTable
la Ctrl+I	New Layer
P Ctrl+I	New Project
pr Ctrl+I	New Program
n Ctrl+I	New Network
sp Ctrl+I	New Spec

New elements in program tree

You can quickly create all kinds of programming elements using these sequences. You can write entire programs without using the mouse. Press Ctrl+left,left afterwards to navigate back to where you were.

obj Ctrl+I Type	New obj of Type
var Ctrl+I	New var
arg Ctrl+I	New arg
fun Ctrl+I	New fun
init Ctrl+I Name	New init code Name
prog Ctrl+I Name	New prog code Name

Edit panels

See the "Text fields" section for shortcuts that work on the text fields of edit panels.
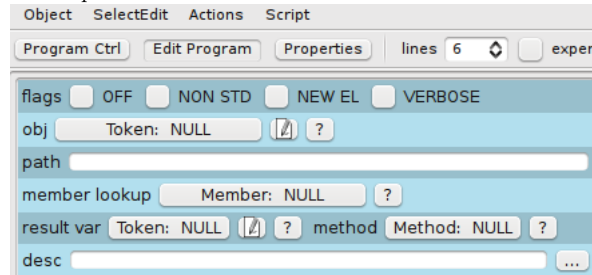
|	
Standard	Tab
Up/Down arrow	(numeric field) Increase/decrease value.
Up/Down arrow	(dropdown) Move up/down.
ESC	Revert changes.
Ctrl+Enter	Apply changes.
Space	Open token chooser and check/uncheck flag.
Ctrl+L	(expression fields) Lookup information.

Help Browser

The Help Browser allows you to browse emergents classes, including wiki documentation for classes and direct links to the source code of any object.
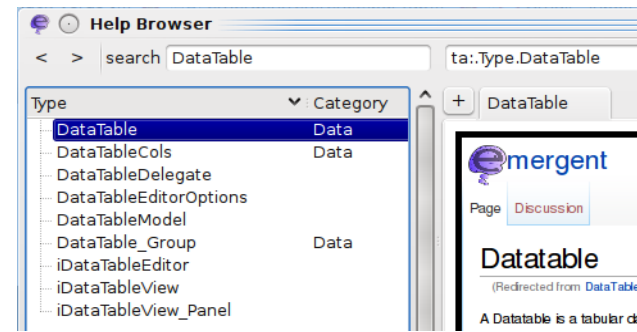
Standard	Page, Ctrl+N/P/A/E.
F1	Help Browser.
Ctrl+S	Toggle Search/Find focus.

DataTables and matrices

DataTables are spreadsheet-like container objects for strings, s and matrices. Clicking on a matrix cell of the DataTable (top enables the matrix view (bottom grid). Matrices can have up t dimensions. Use DataTable-¿Get/SetMatrixVal,GetValAsMatr
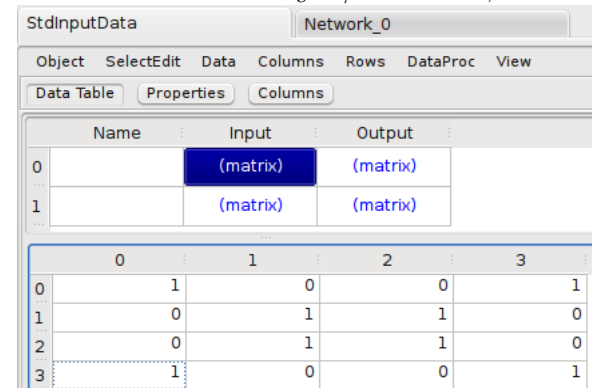

Standard nav	Page, Ctrl+F/B/N/P/A/E/C/V.
Ctrl+T	Switch between table and matrix focus.
Ctrl+Space	Start editing cell.

css console and text fields

The css console allows you to execute css code, which is an inte subset of c++. All program code is actually css script code in
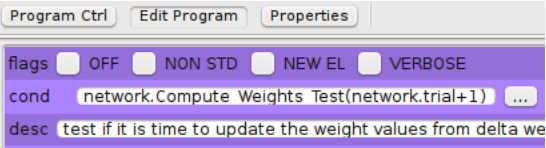
Standard	Ctrl+F/B/N/P/A/E/X/C/V
Ctrl+K	Kill text until end of line.
Ctrl+right	Move cursor one word forwar
backround. Ctrl+left	Move cursor one word backw
Ctrl+shift+right	Highlight one word forward.
Ctrl+shift+left	Highlight one word backward

css console
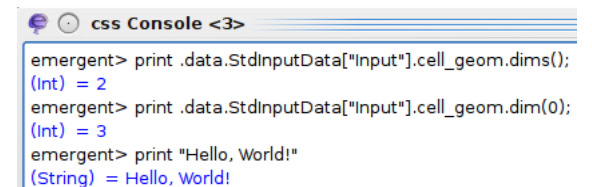
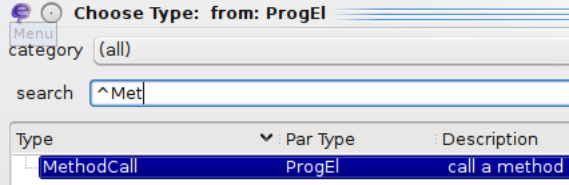|	
Ctrl+L	Clear console buffer history/delete highlighted text

Text fields

| Ctrl+L | Text completion lookup. |
| Ctrl+U | Highlight all. |

Choosers

Choosers are a frequently used meme that allow you to select one from a list of many things. The caret ($\hat{)}$) indicates that the beginning of the line should match.

| Standard | Tab, Ctrl+F/B/N/P/A/E/D/X/C/V. |