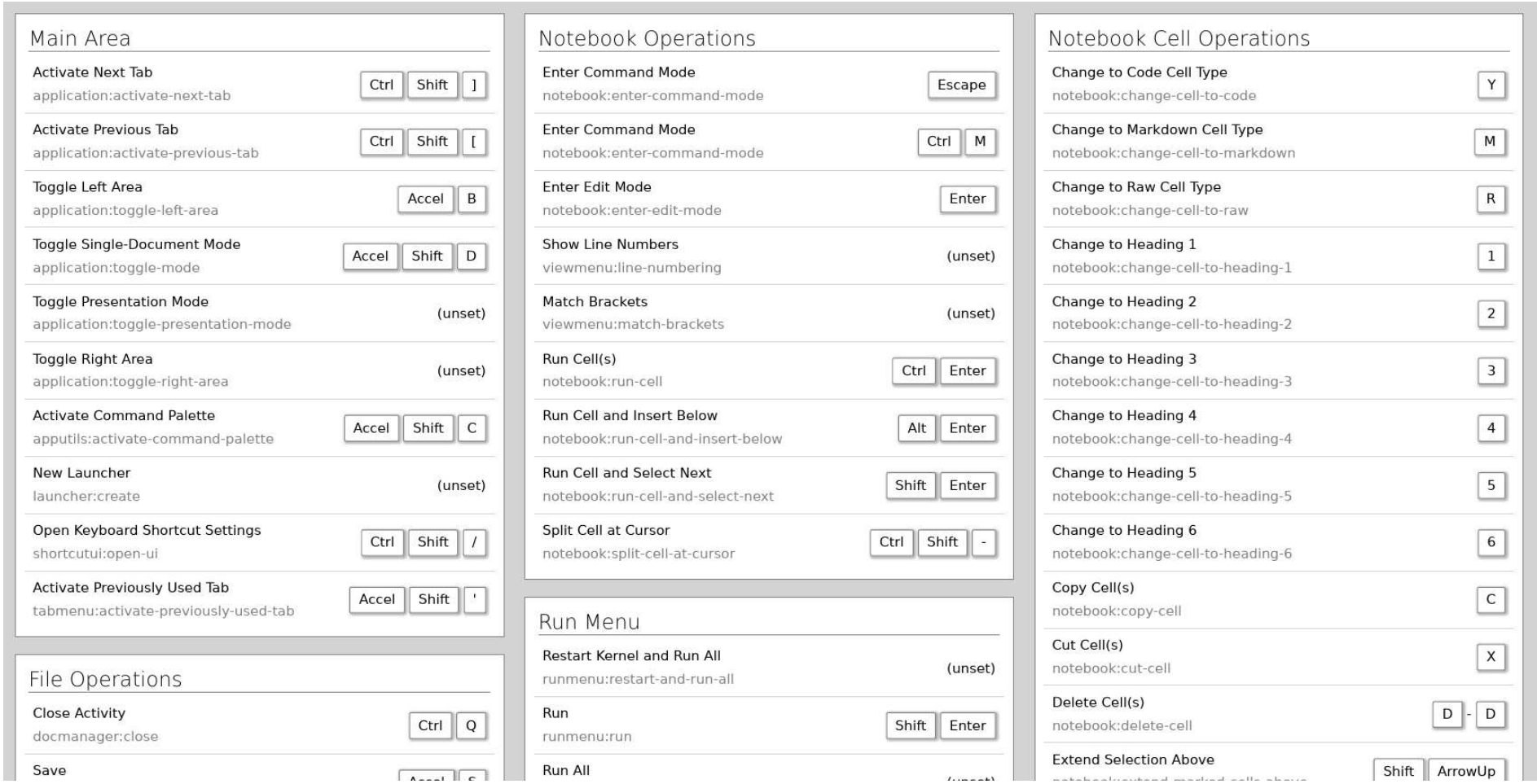
JupyterLab Keyboard Shortcut Cheat Sheet

Jan 20, 2019

A complete overview of the current JupyterLab keyboard shortcuts:



Main Area

Activate Next Tab application:activate-next-tab	Ctrl Shift]
Activate Previous Tab application:activate-previous-tab	Ctrl Shift [
Toggle Left Area application:toggle-left-area	Accel B
Toggle Single-Document Mode application:toggle-mode	Accel Shift D
Toggle Presentation Mode application:toggle-presentation-mode	(unset)
Toggle Right Area application:toggle-right-area	(unset)
Activate Command Palette apputils:activate-command-palette	Accel Shift C
New Launcher launcher:create	(unset)
Open Keyboard Shortcut Settings shortcutui:open-ui	Ctrl Shift /
Activate Previously Used Tab tabmenu:activate-previously-used-tab	Accel Shift '

File Operations

Close Activity docmanager:close	Ctrl Q
Save	Accel S

Notebook Operations

Enter Command Mode notebook:enter-command-mode	Escape
Enter Command Mode notebook:enter-command-mode	Ctrl M
Enter Edit Mode notebook:enter-edit-mode	Enter
Show Line Numbers viewmenu:line-numbering	(unset)
Match Brackets viewmenu:match-brackets	(unset)
Run Cell(s) notebook:run-cell	Ctrl Enter
Run Cell and Insert Below notebook:run-cell-and-insert-below	Alt Enter
Run Cell and Select Next notebook:run-cell-and-select-next	Shift Enter
Split Cell at Cursor notebook:split-cell-at-cursor	Ctrl Shift -

Run Menu

Restart Kernel and Run All runmenu:restart-and-run-all	(unset)
Run runmenu:run	Shift Enter
Run All	(unset)

Notebook Cell Operations

Change to Code Cell Type notebook:change-cell-to-code	Y
Change to Markdown Cell Type notebook:change-cell-to-markdown	M
Change to Raw Cell Type notebook:change-cell-to-raw	R
Change to Heading 1 notebook:change-cell-to-heading-1	1
Change to Heading 2 notebook:change-cell-to-heading-2	2
Change to Heading 3 notebook:change-cell-to-heading-3	3
Change to Heading 4 notebook:change-cell-to-heading-4	4
Change to Heading 5 notebook:change-cell-to-heading-5	5
Change to Heading 6 notebook:change-cell-to-heading-6	6
Copy Cell(s) notebook:copy-cell	C
Cut Cell(s) notebook:cut-cell	X
Delete Cell(s) notebook:delete-cell	D - D
Extend Selection Above	Shift ArrowUp

docmanager:save — Accel S

Save As
docmanager:save-as — Accel Shift S

New Launcher
filebrowser:create-main-launcher — Accel Shift L

Toggle Filebrowser
filebrowser:toggle-main — Accel Shift F

Image Viewer

Flip Image Horizontally
imageviewer:flip-horizontal — H

Flip Image Vertically
imageviewer:flip-vertical — V

Invert Colors
imageviewer:invert-colors — I

Reset Image
imageviewer:reset-image — 0

Rotate Clockwise
imageviewer:rotate-clockwise —]

Rotate Counterclockwise
imageviewer:rotate-counterclockwise — [

Zoom In
imageviewer:zoom-in — =

Zoom Out
imageviewer:zoom-out — -

Settings Editor

Open Debugger
settingeditor:debug — Accel I

Open Settings Editor
settingeditor:open — Accel ,

Save Settings
settingeditor:save — Accel S

Tooltips

Dismiss Completer
tooltip:dismiss — Escape

Dismiss Completer
tooltip:dismiss — Escape

runmenu:run-all — (unset)

Kernel Operations

Interrupt Kernel
kernelmenu:interrupt — I - I

Restart Kernel
kernelmenu:restart — 0 - 0

Restart Kernel and Clear
kernelmenu:restart-and-clear — (unset)

Shutdown Kernel
kernelmenu:shutdown — (unset)

Editing

Clear All
editmenu:clear-all — (unset)

Clear
editmenu:clear-current — (unset)

Find
editmenu:find — (unset)

Find and Replace
editmenu:find-and-replace — (unset)

Redo
editmenu:redo — Ctrl Shift Z

Undo
editmenu:undo — Ctrl Z

Console

Insert Line Break
console:linebreak — Enter

Run Cell (forced)
console:run-forced — Shift Enter

Completer

Invoke Console Completion
completer:invoke-console — Tab

Invoke File Completion
completer:invoke-file — Tab

Invoke Notebook Completion
completer:invoke-notebook — Tab

notebook:extend-marked-cells-above

Extend Selection Above
notebook:extend-marked-cells-above — Shift K

Extend Selection Below
notebook:extend-marked-cells-below — Shift ArrowDown

Extend Selection Below
notebook:extend-marked-cells-below — Shift J

Insert Cell Above
notebook:insert-cell-above — A

Insert Cell Below
notebook:insert-cell-below — B

Merge Selected Cells
notebook:merge-cells — Shift M

Move Cursor Down
notebook:move-cursor-down — ArrowDown

Move Cursor Down
notebook:move-cursor-down — J

Move Cursor Up
notebook:move-cursor-up — ArrowUp

Move Cursor Up
notebook:move-cursor-up — K

Paste Cell(s) Below
notebook:paste-cell-below — V

Redo Cell Operation
notebook:redo-cell-action — Shift Z

Run Cell(s)
notebook:run-cell — Ctrl Enter

Run Cell(s) and Insert Below
notebook:run-cell-and-insert-below — Alt Enter

Run In Console
notebook:run-in-console — (unset)

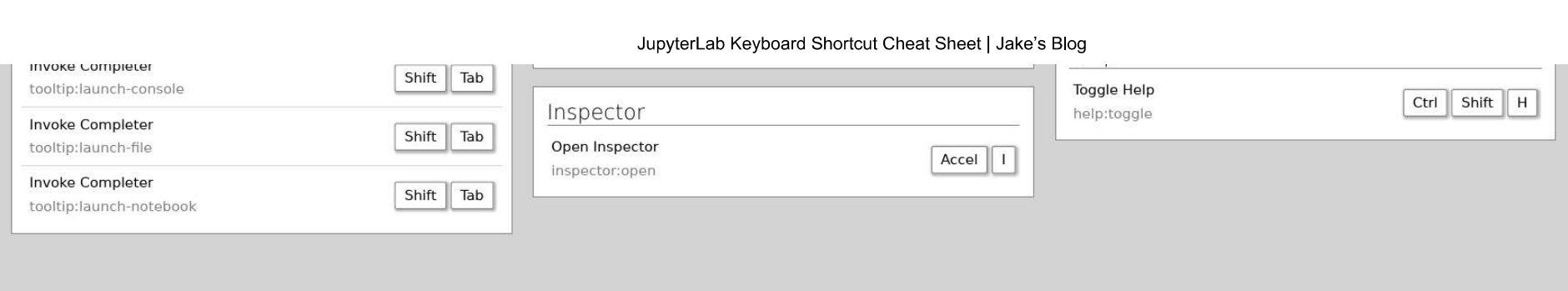
Select All Cells
notebook:select-all — Accel A

Toggle All Cell Line Numbers
notebook:toggle-all-cell-line-numbers — Shift L

Toggle Cell Line Numbers
notebook:toggle-cell-line-numbers — L

Undo Cell Operation
notebook:undo-cell-action — Z

Help



(click on the picture to view it in full size or download the PDF below)

Notes: The key combinations generally have to be be pressed simultaneously, but a `-` between one or more keys means that it is a sequence (press them one after another). The `Accel`erator key is usually mapped to `Ctrl`.

It is generated directly from the config file, so all combinations are included. Since JupyterLab is still under development some could not yet work. I only changed the order a bit, put related groups close to each other and to make it fit better on the page. You can also download it as PDF here.

The generator is implemented in Node.js, it is also on my Github as jupyter-shortcuts. You can simply clone it, run `yarn install` and then start it with `yarn start-default` to use the supplied default config file or `yarn start your/changed/config.json` to generate it from custom shortcuts. It provides a small http server with the generated page.

The json data can be obtained/edited in JupyterLab through: Settings > Advanced Settings Editor > Keyboard Shortcuts. There is currently (version 0.35.4 as time of writing) no builtin visual settings editor, this will change in the next versions with the shortcutui extension.

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