
readthedocs*test247Documentation*

Release latest

Aug 27, 2020

Getting Started

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Manipulate your tabular data responsively and effectively within JupyterLab. [Try it on Binder](#).

CHAPTER 1

Overview

Manipulate your tabular data responsively and effectively within JupyterLab.

JupyterLab Tabular Data Editor provides an interface to edit your data side-by-side with Jupyter Notebooks.

2.1 Requirements

JupyterLab >= 2.0

2.2 Install

```
jupyter labextension install jupyterlab-tabular-data-editor
```

2.3 Contributing

2.3.1 Install

The `jlpm` command is JupyterLab's pinned version of `yarn` that is installed with JupyterLab. You may use `yarn` or `npm` in lieu of `jlpm` below.

```
# Clone the repo to your local environment
# Move to jupyterlab-tabular-data-editor directory

# Install dependencies
jlpm
# Build Typescript source
jlpm build
# Link your development version of the extension with JupyterLab
jupyter labextension install .
# Rebuild Typescript source after making changes
jlpm build
# Rebuild JupyterLab after making any changes
jupyter lab build
```

You can watch the source directory and run JupyterLab in watch mode to watch for changes in the extension's source and automatically rebuild the extension and application.

```
# Watch the source directory in another terminal tab
jupyter lab --watch
```

Now every change will be built locally and bundled into JupyterLab. Be sure to refresh your browser page after saving file changes to reload the extension (note: you'll need to wait for webpack to finish, which can take 10s+ at times).

2.3.2 Uninstall

```
jupyter labextension uninstall jupyterlab-tabular-data-editor
```

3.1 v0.7.4

- Backspace keyboard shortcut working
- Fixes small bug with data types not updating on an undo/redo that changes the type
- Save dialog bug fix
- Created a selectCell method in the PaintedGrid
- Draw icon refactor
- Removed serializer and old model files

3.2 v0.7.3

- Datagrid styling changes
- Adjusts the position and style of the icons

3.3 v0.7.2

- Fixed the move line not accounting for scroll
- Package updated from @tde-csvviewer to @jupyterlab/csvviewer + Launcher handled in a way that we don't need to change _computeRowOffsets
- Fixed right-click column header results in move shadow

3.4 v0.7.1

- Added new files to the demo folder
- Ghost row/columns bug fixes
- Refactor data detection to format data

3.5 v0.7.0

- Can now edit headers after scrolling
- Hover feature for ghost row and column
- Clearing rows and columns bug fix
- Pointer cursor for ghost row/column
- Modified icon painting setup to work with absolute positioning rather than relative positioning
- Adding data detection icons
- Styling for data detection icons
- Replace all bug fix
- Makes the text “Column 1” appear on the column header when launching a csv file

3.6 v0.6.0

- Cell data types for the body region
- Multi insert/remove for rows/columns
- WCAG AAA approved search match colors
- Ghost row and column feature added
- Fix the header displaying the wrong value on edit
- Serialization fix for data sets larger than 500 rows
- Inserting/removing column bug fixes
- Fixed console error when searching for a match

3.7 v0.5.0

- Shadow/line fixes when moving + handler.ts refactoring
- Create a new csv file from launcher
- Reduced column header and row height
- Edit Headers
- Save keybinding

3.8 v0.4.0

- Selection UX for Undo/Redo
- Right-click selection fixes
- Litestore refactor

3.9 v0.3.0

- Multiple context menus
- Clear contents (rows, columns, selections)

3.10 v0.2.0

- Copy, cut, and paste
- Undo and redo
- Implemented Litestore
- Move columns and rows
- Theme manager (light/dark)
- Search and replace
- Command Toolbar
- Binder link setup

3.11 v0.1.0

- Editable cells
- Alphabetic column header
- Save CSV file
- Delete rows and columns
- Add rows and columns

CHAPTER 4

User Experience

CHAPTER 5

Features

CHAPTER 6

Codebase Orientation

CHAPTER 7

How to Contribute
