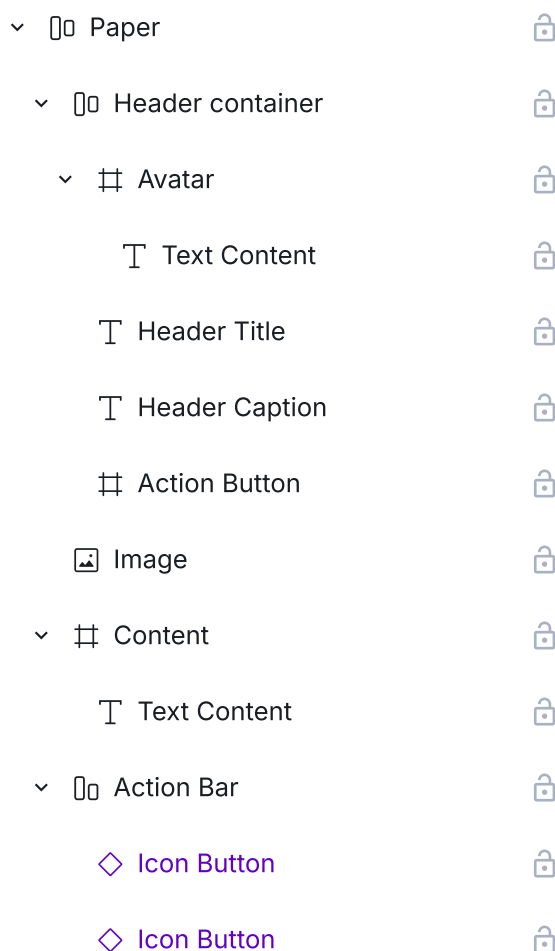🟦 **MUI X**

MUI X Tree View

The Tree View components let users navigate hierarchical lists of data with nested levels that can be expanded and collapsed.

Figma example   **GitHub example**

- ⌄ ⌷⌷ Paper 🔓
  - ⌄ ⌷⌷ Header container 🔓
    - ⌄ ⌗ Avatar 🔓
      - T Text Content 🔓
      - T Header Title 🔓
      - T Header Caption 🔓
      - ⌗ Action Button 🔓
    - 🖾 Image 🔓
    - ⌄ ⌗ Content 🔓
      - T Text Content 🔓
    - ⌄ ⌷⌷ Action Bar 🔓
      - ◇ Icon Button 🔓
      - ◇ Icon Button 🔓

Using the MUI X Tree View

Create stunning tree structures

A highly performant, customizable React component with best-in-class developer experience.

Customizable and flexible

Easily adapt the look, feel, and behavior to fit any brand—no matter your use case.

Inclusive by design

Built to meet accessibility standards, ensuring a seamless experience for every user.

Performant and scalable

Leverage features like virtualization and lazy loading to deliver lightning-fast performance at any scale.

Community and Pro

Two packages for every need

Start with the free-forever Community version, then upgrade to Pro when you're ready for additional features and components.

About licensing →

Community

Free forever under MIT license. Includes core features such as expansion, selection, and label editing.

Pro

Requires a commercial license. Better suited for data-rich and enterprise applications, with features such as reordering, lazy loading, and virtualization.

Superior developer experience for customization

Intuitive APIs, a modern customization approach, and detailed documentation make it effortless to tailor the component to your specific use case.

⚙ Customize

- Paper
  - Header container
    - Avatar
      - Text Content
      - Header Title
      - Header Caption
      - Action Button
    - Image
  - Content
    - Text Content
  - Action Bar
    - Icon Button
    - Icon Button

Double click to edit

Advanced features

Support for label editing

Support for label editing

Provides users with control over the presentation of their data.

Drag and drop reordering

Offers an intuitive and efficient way to reorganize the tree structure.

Lazy loading children

Improves performance by loading children on demand, especially for large trees.

- ∨ Data Grid
  - @mui/x-data-grid
  - @mui/x-data-grid-pro
  - @mui/x-data-grid-premium
- ∨ Date and Time pickers
  - @mui/x-date-pickers
  - @mui/x-date-pickers-pro
- › Charts
- › Tree View

```
<RichTreeView
  items={MUI_X_PRODUCTS}
  isItemEditable
/>
```

Copy

More info →

Accessibility

Inclusive by design

The MUI X Tree View feature advanced keyboard support that's compliant with WCAG and WAI-ARIA standards, so users who require assistive technology can navigate your interface with ease.

More about accessibility →

- ∨ ☐ Tree View