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## API Collection

# Outline View

Display a list-based interface for hierarchical data, where each level of hierarchy is indented from the previous one.

## Topics

### View

`class` `NSOutlineView`

A view that uses a row-and-column format to display hierarchical data like directories and files that can be expanded and collapsed.

`{}` [Navigating Hierarchical Data Using Outline and Split Views](#)

Build a structured user interface that simplifies navigation in your app.

## Management

`protocol` `NSOutlineViewDataSource`

A set of methods that an outline view calls to retrieve data and information about it from the data source delegate, and—optionally—to update data values.

`protocol` `NSOutlineViewDelegate`

A set of optional methods implemented by delegates of [NSOutlineView](#) objects.

## See Also

## Content views

### ☰ Browser View

Provide a column-based interface for viewing and navigating hierarchical information.

### ☰ Collection View

Display one or more subviews in a highly configurable arrangement.

### ☰ Table View

Display custom data in rows and columns.

### `class` `NSTextView`

A view that draws text and handles user interactions with that text.