

□ Documentation

[Apple News](#) / Apple News Format Tutorials

Apple News Format Tutorials

Create a basic article and then add advanced design features.

Overview

In these tutorials, you'll download `article.json` files and follow steps to add code. Preview your changes in News Preview as you go. If you are not familiar with JSON or Apple News Format, see [JSON Concepts and Article Structure](#) before you get started.

Requirements

Before beginning the tutorial, make sure you have the following installed:

- [Java 8](#)
- [News Preview](#)
- The required version of [Xcode](#) for your News Preview version, as specified on the [News Preview](#) page. After you install Xcode, launch the application and agree to all license agreements. When you see the Welcome to Xcode window, you have finished installing Xcode.
- iOS 11 or later SDK. This is part of the Xcode installation.
- Text editing software of your choice. This is necessary only if you are editing the tutorial files yourself. See [Choose a Text Editor](#).

Topics

Introductory Design Tutorial

 Setting Up the Introductory Tutorial

Download the tutorial files, and learn about what you'll create in the introductory tutorial.

 **Creating Your First Article**

Create an article with text components and component text styles.

 **Positioning Text Components**

Adjust the positions of the text components in your article—for example, place the article body off-center.

 **Adding a Divider**

Create a horizontal, styled divider that extends to the right edge of the display.

 **Adding an Image and Captions**

Create a photo that extends to both edges of the display, with captions that appear in the article layout and in full-screen view.

 **Adding a Pull Quote**

Break an existing body component into two components, and then insert a pull quote between them.

 **Adding a Gallery of Images**

Display three images as a sequential gallery.

 **Adding a Mosaic of Images**

Display five images as mosaic tiles.

 **Adding a Tweet**

Include a tweet in an article.

 **Adding a Podcast**

Add a link to a podcast that displays the podcast artwork and the podcast show or episode information.

 **Viewing the Finished Article for the Introductory Design Tutorial**

See the full JSON code from this tutorial.

Advanced Design Tutorial 1: Headers and Parallax Behavior

 **Setting Up the Advanced Tutorials**

Download the tutorial files, and learn about what you'll create in the three advanced tutorials.

 **About Containers**

Learn the basic Apple News Format container concepts required for the three advanced tutorials.

 **Creating a Layered Header**

Create a header with a caption that's layered in front of an image.

 **Adding Parallax Behavior**

Create an illusion of multiple flat layers by causing the article body to overlap the header as the user scrolls.

 **Viewing the Finished Article for Advanced Design Tutorial 1**

See the full JSON code from this tutorial.

Advanced Design Tutorial 2: Layout and Positioning

 **Creating a Complex, Layered Header**

Layer a title and heading in front of an image, with their colors optimized for legibility.

 **Creating a Floating Caption**

Position a caption in the wide right margin of your article.

 **Creating an Inset Pull Quote**

Wrap article body text around an inset pull quote.

 **Creating an Inset Photo**

Wrap article body text around an inset photo.

 **Adding Color to Text Ranges**

Create text in color by using HTML to refer to TextStyle objects.

 **Adding Animations**

Use animations to affect how parts of your article come into view the first time they appear.

 **Adding a Scene**

Control how the article's opening section comes into view.

 **Viewing the Finished Article for Advanced Design Tutorial 2**

See the full JSON code from this tutorial.

Advanced Design Tutorial 3: More Ideas

-  Giving the Article a Dark Color Scheme
Apply a new color scheme to your article.
-  Adding a Video
Add a video component inside the header component.
-  Creating a Sidebar
Create a box with an HTML bulleted list in the margin.
-  Adding a Fixed Image Fill
Add an image that remains stationary when the user scrolls.
-  Creating a Newsletter Sign-Up Element
Add a newsletter sign-up element in your article.
-  Viewing the Finished Article for Advanced Design Tutorial 3
See the full JSON code from this tutorial.

More Examples

-  Examples
Download more example article bundles for Apple News Format articles.
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See Also

Article Design and Creation