

Hello World

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Learn the basics of creating, publishing, and displaying your content with Kontent by Kentico. In this introductory tutorial, you will build a simple website powered by Kontent from start to finish. If you are new to the concept of [Content as a Service](#) (CaaS), this is a great place to get started.

No account yet?

If you do not have your Kontent by Kentico account yet, sign up at <https://app.kontent.ai/sign-up>. After creating an account and signing in, you will see the content of a sample project, which you won't need now.

Using Web Spotlight?

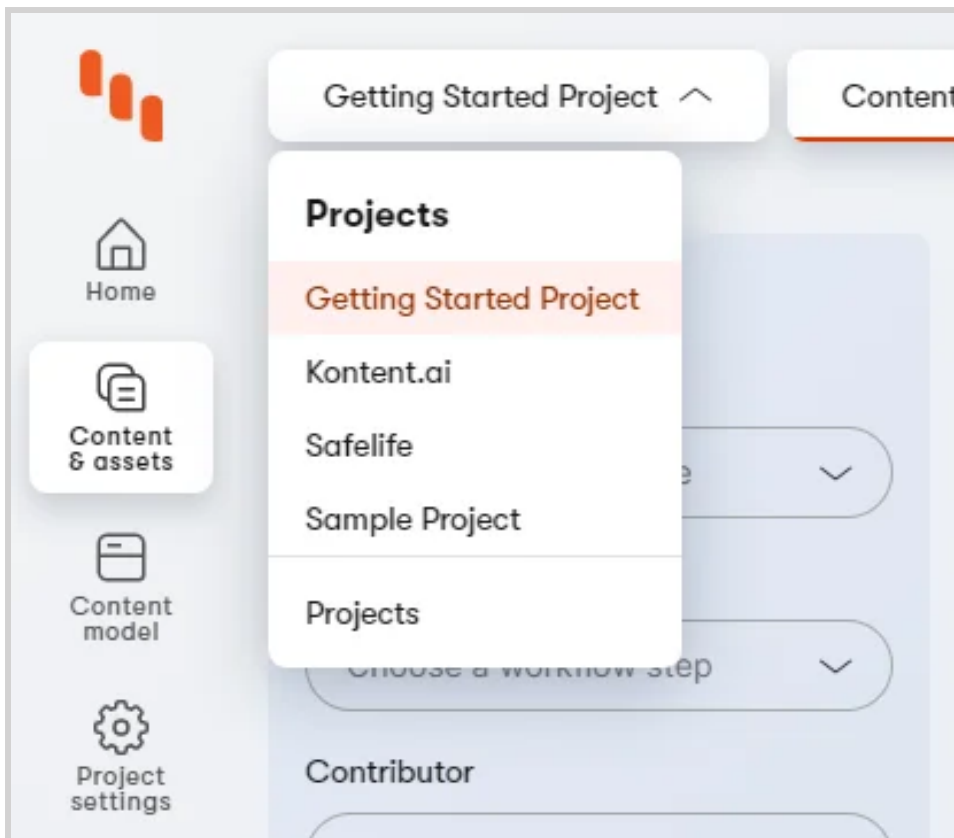
If you're using Web Spotlight to manage your website content, check out [Hello Web Spotlight](#) version of this tutorial.

Create a Kontent project

Project is the primary organizational unit of your content.

To create a new project:

1. Click the project switcher in the top left.
2. Click **Projects**.
3. Click **Create new project** in the top-right corner.
4. Type a name for your project, for example *Hello World*.
5. Click **Create project**.
6. Click **Open project**.



Open a list of your Kontent projects


Now you can model the first content type.

Create a content type

Content types (sometimes called content templates) define the structure of a piece of content – a content item. They are made of content elements such as texts and images. Think of content types as templates that you will create, and be able to re-use in the future.

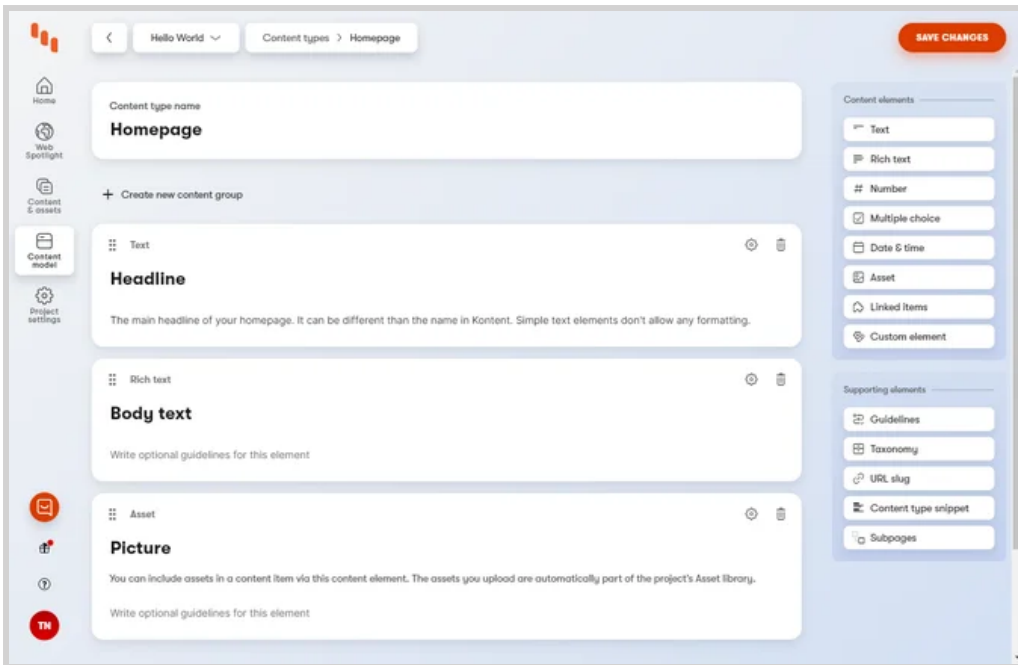
A content type can be used by a single content item (for example, a homepage) or by many content items (for example, each article can be based on the same *Article* content type).

Now create a content type for a homepage with a headline, some text, and a picture:

1. In  **Content model**, click **Create new**.
2. In **Content type name**, type *Homepage*.
 1. Drag in a **Text** element and name it *Headline*.
 2. Drag in a **Rich text** element and name it *Body text*.
 3. Drag in an **Asset** element and name it *Picture*.
3. Click **Save**.

That's it, your content type is ready to use.

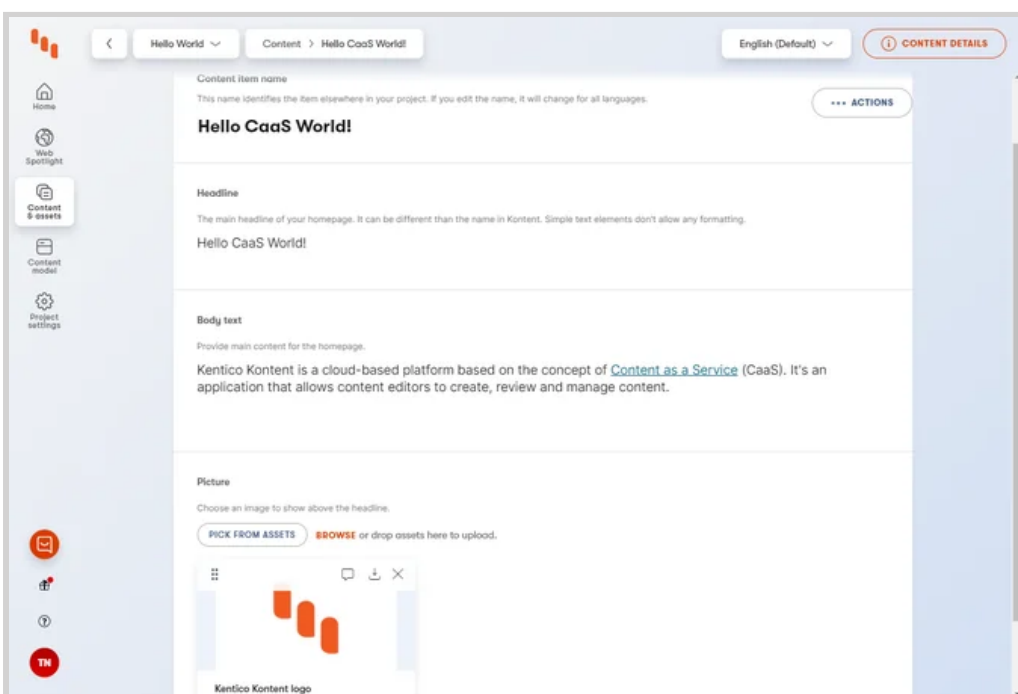
To see all the content types that were created, select  **Content model**.



Create a content item

You can now create a content item based on the new *Homepage* content type. A content item is an instance of a content type.

1. In **Content & assets**, click **Create new**.
2. If collections are available to you, select one for the new content item.
3. Select **Homepage** as the content type.
4. In **Content item name**, type *Hello Headless World*.
5. Fill in the *Headline* and *Body text* elements.
6. Upload an image to the *Picture* asset element. If you like, you can use our [Kontent logo](#).



Publish your content

To publish your content item simply click on the  **Publish** action button at the top.

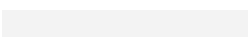


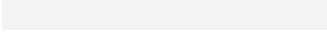




Note that you can later [set up your content workflow](#) according to your needs.

A short time after publishing, your content item is publicly available via the Delivery API.

Access your content

Each content item can be accessed at a specific URL similar to this one:



1. Replace  with the ID of your project:
 1. In  **Project settings**, click **API keys**.
 2. In the **Delivery API** card, click .
2. Replace  with the codename of your content item:
 1. In  **Content & assets**, click the *Hello Headless World* content item to open it.
 2. Click the  **More actions** button in the top-right corner.
 3. Click  **Codename** at the bottom of the list.
 4. Click .
3. Open the URL in your browser.

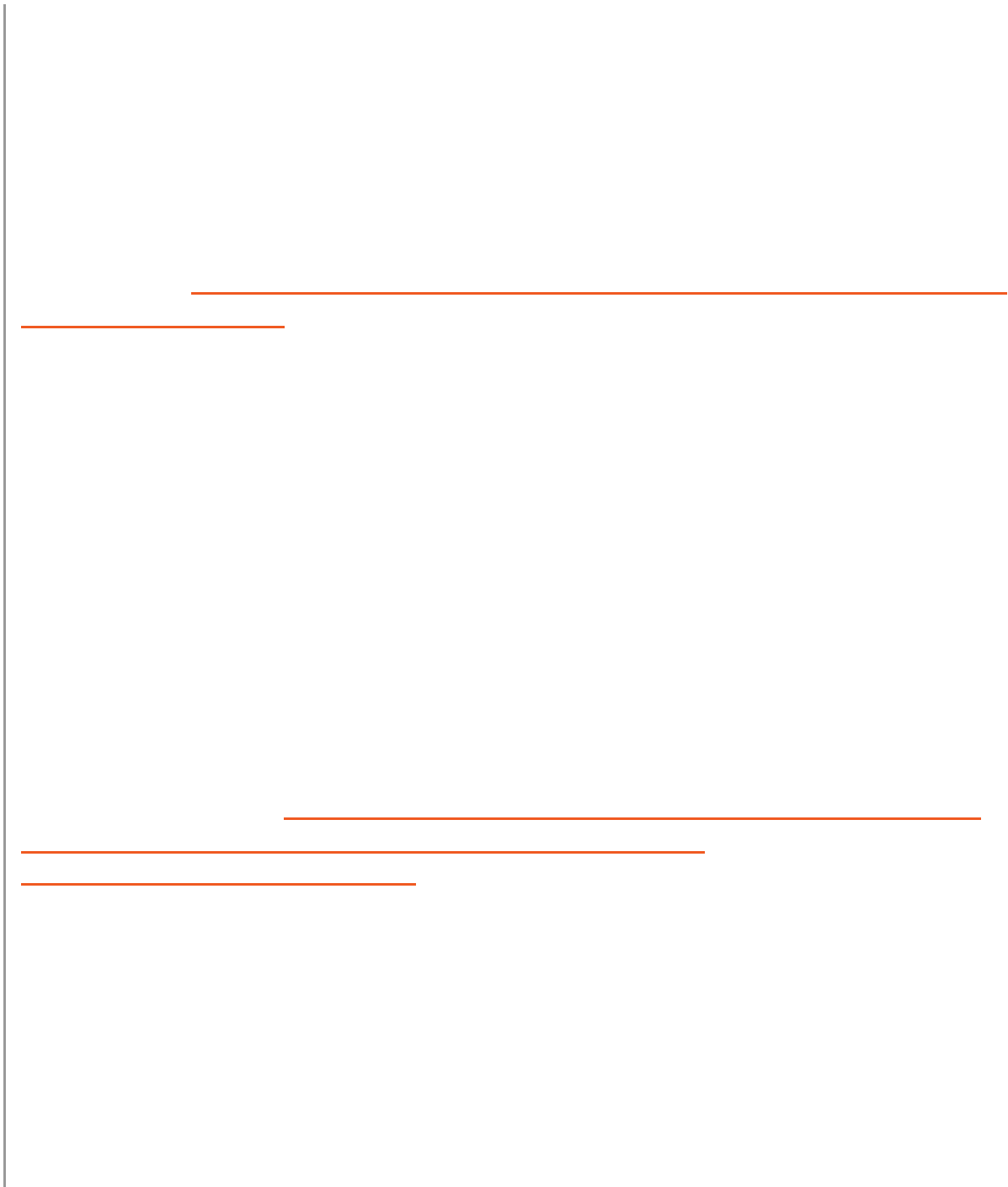
For example, the URL can look like this:

https://deliver.kontent.ai/8d20758c-d74c-4f59-ae04-ee928c0816b7/items/hello_headless_world

The API will return your content item as a [structured JSON object](#) that is easy to parse by any programming language.

JSON





Display your content on a website

In this part of the tutorial, you will learn how to use JavaScript to display the content from a JSON object onto a web page. The JSON response contains the three elements as objects which are specified by their codenames: `_____`, `_____`, and `_____`.

Adding HTML

First, you will create an HTML file and declare which HTML elements you want to populate. The order of elements in the HTML file is the order in which the content will appear on the website. Create a new, blank text file and name it `_____`.

Inside of the HTML file insert the following code:

HTML



Adding JavaScript

Let's populate the `<div>`, `<h1>` and `<p>` elements from the HTML file with content from your project. The `<div>` whose value is "Hello Headless World!" will go into the `<div>` element, the `<h1>` whose value is the paragraph below the logo will go into the `<h1>` element, and `<p>` whose value is the URL will show in the `<p>` element. Now, create a file named `script.js` and insert the following code:

JavaScript





Finishing touches

When you combine the two code samples and introduce a small amount of CSS you can get something similar to the picture below.



Check the JS and HTML tabs in the codepen example below:

See the code example on <https://codepen.io/KenticoKontent/pen/KKKBXXV>

You can also view the final result at <https://kontent.surge.sh>, or tweak the source code in the [codepen repository](#).

What's next?

Working directly with the API interface is fine for small tasks and simple websites. The [API reference](#) is your friend. For more complex projects, however, you will want to use a platform-specific SDK or write your own.

We have a [JavaScript/TypeScript SDK](#) for the [Delivery REST API](#), [React sample application](#), and more.

- Get only the content you specify with [Delivery GraphQL API](#).
- See what development resources are available for [.NET](#), [JavaScript](#), [Java/Android](#), [PHP](#), and [iOS](#).
- For more information about the user interface and the content creation process, see articles in [Write and collaborate](#).