

Hello Web Spotlight

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Learn the basics of creating, publishing, and displaying your content with Web Spotlight. In this introductory tutorial, you will build a simple website powered by Kontent.ai from start to finish.


Don't have Web Spotlight yet?

If you don't have Web Spotlight activated for your project, first see [how to set up Web Spotlight](#).

After [activating Web Spotlight](#) for your project, you will get *Homepage* and *Page* content types already prepared to build your page tree. In Web Spotlight, your website [content is separate from the navigation](#). This means you need to create appropriate content types to hold your content.

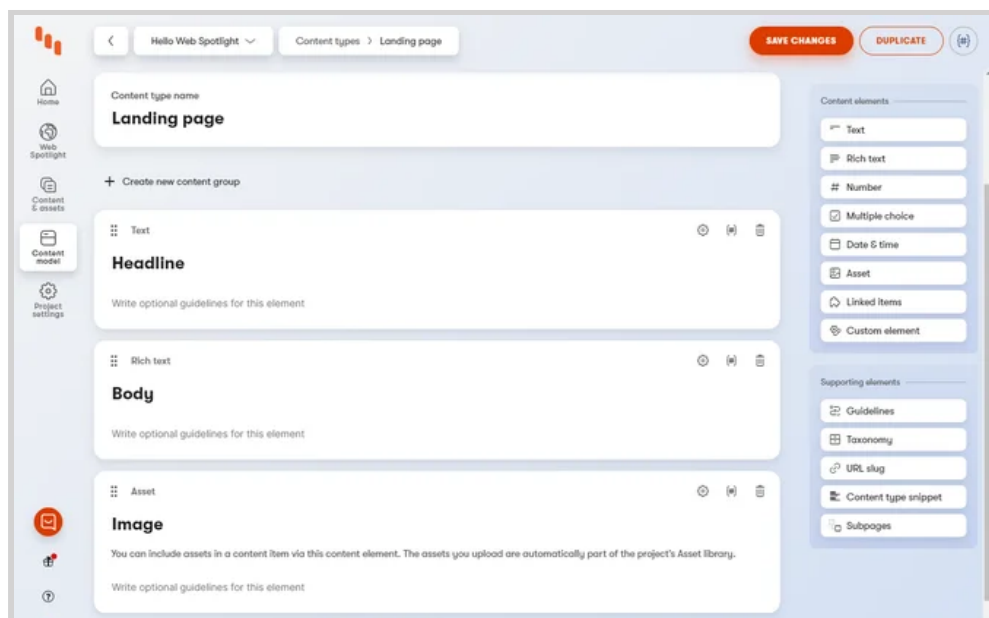
Create a content type

In this example, you will create a landing page to store content shown on the homepage.

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



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

To see all your content types, select  **Content model**.




Create content for your homepage

You can now create content based on the new *Landing page* content type.

1. In  **Web Spotlight**, select *Homepage*.
2. Switch to the **Editor** tab.
3. In **Content**, click **Create new item**.
4. If collections are available to you, select one for the new content item.
5. Select **Landing page** as the content type.
6. In **Content item name**, type *Hello Web Spotlight!*.
7. Fill in the *Headline* and *Body* text elements.
8. Upload an image to the *Image* asset element. If you like, you can use our [Web Spotlight logo](#) .

Now that your landing page content's in place, go back to your homepage.

Publish your content





To [publish](#) your homepage together with the landing page, switch to the **Editor** tab and click  **Publish** at the top of the screen.

A short time after publishing, your homepage and its content are publicly available via the Delivery API.

Access your content

Each page (including the homepage) can be accessed at a specific URL similar to this one:

```
https://deliver.kontent.ai/<YOUR_PROJECT_ID>/items/<PAGE_CODENAME>
```

1. Replace `<YOUR_PROJECT_ID>` with the ID of your project:
 1. In  **Project settings**, click **API keys**.
 2. In the **Project ID** card, click .
2. Replace `<PAGE_CODENAME>` with the codename of your page:
 1. In  **Web Spotlight**, select *Homepage*.
 2. Switch to the **Editor** tab.
 3. Click the **More actions** button in the top-right corner.
 4. Click on  **Codename** at the bottom of the list.
 5. 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/homepage>

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

JSON

```
1  {
2    "item": {
3      "system": {
4        "id": "51927a9b-b170-4d6b-b51f-72b6cae37411",
5        "name": "Hello Web Spotlight!",
6        "codename": "homepage",
7        "language": "en-US",
8        "type": "homepage",
9        "sitemap_locations": [],
10       "last_modified": "2020-09-08T11:43:50.5941437Z"
11     },
12     "elements": {
13       "title": {
14         "type": "text",
15         "name": "Title",
16         "value": "Homepage"
17       },
18       "subpages": {
19         "type": "modular_content",
20         "name": "Subpages",
21         "value": [
22           "set_up_web_spotlight_for_your_project",
23           "manage_your_website_with_web_spotlight"
24         ]
25       },
26       "content": {
27         "type": "modular_content",
28         "name": "Content",
29         "value": [
30           "hello_ws_landing_page"
31         ]
32       }
33     }
34   },
35   "modular_content": {
36     "hello_ws_landing_page": {
37       "system": {
38         "id": "60ee6cbe-cc1c-4eb8-9b16-44f11313402d",
39         "name": "Hello WS landing page",
40         "codename": "hello_ws_landing_page",
41         "language": "en-US",
42         "type": "landing_page",
43         "sitemap_locations": [],
44         "last_modified": "2020-09-08T11:36:18.5124723Z"
45       },
```

```

45     "elements": {
46       "title": {
47         "type": "text",
48         "name": "Title",
49         "value": "Hello Web Spotlight!"
50       },
51       "body": {
52         "type": "rich_text",
53         "name": "Body",
54         "images": {},
55         "links": {},
56         "modular_content": [],
57         "value": "<p>Web Spotlight is an additional feature for Kontent.ai
58 focusing on website management. It adds a visible page tree of the website. From the
59 page tree, you can create new pages as well as preview your changes directly in
60 Kontent.ai. This makes the authoring a much smoother experience for website content
61 creators.</p>"
62       }
63     },
64     "...": "...more pages omitted for brevity"
65   }
66 }

```

Display your content on a website

In this part of the tutorial, you will learn how to use JavaScript to display the content of your landing page. The JSON response contains the three elements as objects which are specified by their codenames: `headline`, `body_text`, and `picture`.

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 `index.html`.

Inside of the HTML file insert the following code:

HTML

```

1 <!DOCTYPE html>
2 <head>
3 <title>Hello Web Spotlight</title>
4 <!-- Include the Delivery SDK and its dependency -->
5 <script src="https://cdn.jsdelivr.net/npm/@kontent-ai/delivery-
6 sdk@latest/dist/bundles/kontent-delivery.umd.min.js"></script>
7 <!-- Points to an external JavaScript file that will be added in the next step -->
8 <script src="main.js" async defer></script>
9 </head>
10 <body>

```

```

8     <!-- The HTML elements themselves have no value. Using JavaScript, you'll pull the
9 content from your Kontent.ai project into the elements -->
10    <img id="banner">
11    <h1 id="headline"></h1>
12    <p id="bodytext"></p>
13  </body>
14  </html>

```

Adding JavaScript

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

JavaScript

```

1 // Initializes the Delivery JS SDK
2 const Kk = window['kontentDelivery'];
3
4 // Tip: Change the project ID of the API call to yours to display your own content. Make
5 // sure the codenames still match.
6 const deliveryClient = new Kk.DeliveryClient({
7   projectId: '8d20758c-d74c-4f59-ae04-ee928c0816b7',
8 });
9
10 // Retrieves the landing page from your project
11 deliveryClient
12   .item('hello_ws_landing_page')
13   .elementsParameter(['heading', 'body', 'image'])
14   .toPromise()
15   .then(response => {
16     processData(response)});
17
18 // Processes the retrieved data and displays it on the page.
19 function processData(response) {
20   const bodyText = response.item.body.value;
21   const headline = response.item.heading.value;
22   const picture = response.item.image.value[0].url;
23
24   document.getElementById("bodytext").innerHTML = bodyText;
25   document.getElementById("headline").append(headline);
26   document.getElementById("banner").src = picture;
27 }

```

Finishing touches

When you combine the two code samples and introduce a small amount of CSS you get what you see in the Codepen example below.

See the code example on <https://codepen.io/Kontent-ai-Learn/pen/gOrvJpV>

What's next?

To make the most out of Web Spotlight, make sure to [set up preview](#) for your website and [implement smart links](#). These two steps let you quickly edit content directly in Kontent.ai.

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](#), and [PHP](#).
- For more information about the user interface and the content creation process, see articles in [Write and collaborate](#).