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# Low Code

## Overview

The Low Code feature in AlgonomyOmnichannel Personalization enables user to complete integration tasks easily, safely, and productively.

Using Low Code JavaScript, you can easily and quickly integrate pages and metrics from your website with Personalization Cloud. It reduces the dependency on JavaScript integration for customer websites. Customers only need to add a single-line script to their website to enable Low Code, allowing safe and easy deployment of analytics and site configurations through a web-based user interface in Personalization Cloud. Most of the websites allow users to inject the custom scripts from the admin console of the websites and the same can be used to set the one-liner script.

With the Low Code, when the single line tag is installed, your website can communicate with the Personalization Cloud servers. JavaScript developers can use the Low Code interface to create a JavaScript Integration Widget (JIW), configure it to trigger on specific events, and provide the necessary variable data.

## Using Low Code from Personalization Cloud

The Low Code JS integration aims to reduce the integration dependency of JS on e-commerce websites.

You can achieve the following with Low Code:

- No integration expertise needed by the users.
- Users only need to add a single line of code, as shown below, to achieve full JavaScript integration on their end.

[Copy.](#)

```
<script src="https://media.richrelevance.com/rrserver/zerocode/{siteId}/rr_express.js">
```

For example:

[https://media.richrelevance.com/rrserver/zerocode/1698/rr\\_express.js](https://media.richrelevance.com/rrserver/zerocode/1698/rr_express.js)

- Instrumentation to be turned into configuration approach, that can be achieved without changing the site code.
- Bring in control to add more flexibility to the users change all integration aspects without changing the site code.

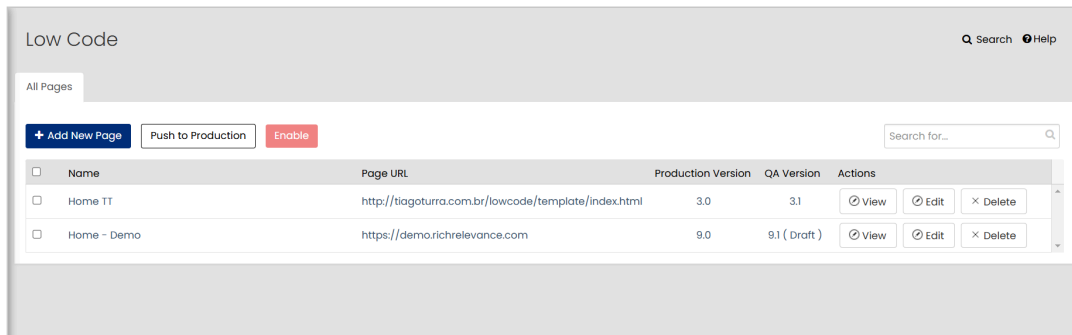
## Accessing Low Code

To view the *Low Code* page:

On the *Omnichannel Personalization Dashboard*, go to **Site Configuration > Low Code**.

The *Low Code* page is displayed with the list of available pages.

You can add new pages, push to production, enable/disable, or delete the pages. You can also view and edit the page details and view the change log.



## Adding Pages

### Adding Pages

To add a new page:

1. On the *Omnichannel Personalization Dashboard*, go to **Site Configuration > Low Code**.

The *Low Code* page is displayed.

2. On the *Low Code* page, click **+ Add New Page**.

The *Add new page* window is displayed.

### Add New Page

Name

Description

page Type

Add to cart page

Page URL

Add Page

Cancel

3. In the **Name** field, specify the page name.

4. In the **Description** field, specify the page description.

5. From the **Page Type** dropdown list, select the type of page you want to add.

For more information on page types including their supported seed / strategy options, refer to [JavaScript Integration WidgetJavaScript Integration Widget](#)

6. In the **Page URL** field, specify the page URL.
  7. Click **Add Page**.
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## Editing Page Details

### Editing Page Details

To edit the page details:

1. On the *Low Code* page, select the checkbox corresponding to the page of which you want to edit the details.
  2. In the **Action** column, click **Edit**. The *Edit Page* window is displayed.
  3. Specify the details if required in JavaScript Integration Widget.
  4. Click **Save** to save the page successfully.
  5. Click **Simulate**. You can simulate JavaScript Integration Widget (JIW) before publishing. Simulation ensures that the JIW is error-free and meets business expectations. Simulation updates the **iframe** of the user workspace in a debug logging mode.
  6. Click **Publish**. Page is published successfully.
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## Viewing Page Details

### Viewing Page Details

To view the page details:

1. On the *Low Code* page, select the checkbox corresponding to the page of which you want to view the details.
2. In the **Action** column, click **View**. The *View Page* window is displayed.

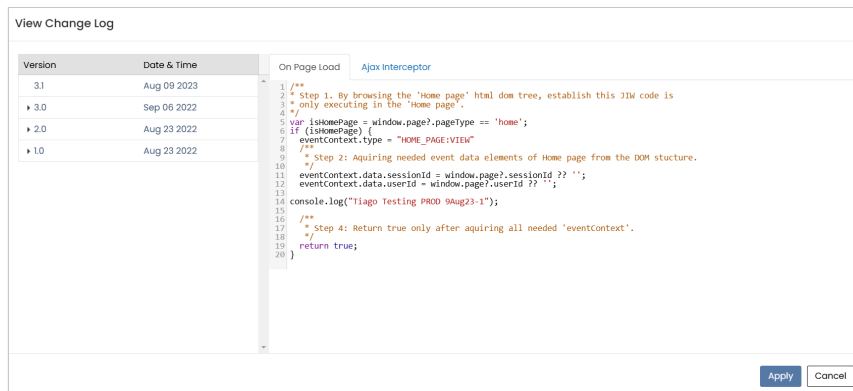


## Viewing Change Log

### Viewing Change Log

To view the change log details:

1. On the *Low Code* page, select the checkbox corresponding to the page of which you want to view the details.
2. In the **Action** column, click **View**. The *View page* window is displayed.
3. Click **View Change Log**. The *View Change Log* window is displayed.



## Simulating JIWs

### Simulating JIWs

Developer can execute the JIW using simulation without publishing it to QA. **Simulate** option from the Personalization Dashboard takes you to the given URL on the JIW page and executes the current JIW. Developer must open the developer console to check the respective calls or needed logs generated in the browser console.

## Publish to QA

### Publish to QA

Low Code provides the option to validate the JIWs in the QA mode before pushing them to the production. QA mode allows users to test the functionality of each page with JIWs published using the **Publish** option on the Low Code page on the Personalization Dashboard .

When JIW is published to QA mode, it will not impact the business of the website. After it is pushed to production, it will be available for all end users. Hence, ensure that all the JIWs are verified completely in the QA mode before pushing them to production.

## Enabling QA Mode

### Enabling QA Mode

You need to add the **rrqa=1** in the query string parameter along with the existing URL to enable the QA mode for the developer. It will download all the published JIWs and execute on the page. It stores the configuration in local storage, and all subsequent calls occur in QA mode.

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## Disabling QA Mode

### Disabling QA Mode

If you want to disable the QA mode, then you need to add **rrqa=0** in the query string or remove the local storage.

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## Pushing to Production

### Pushing to Production

You can use the **Push to Production** feature to make a single JIW available for production.

To push the pages to production:

1. On the *Low Code* page, click **Push to Production**.
  2. In the confirmation window, click **OK**.
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## Enabling or Disabling Low Code

### Enabling or Disabling All Pages

You can enable or disable the complete Low Code for Personalization Cloud. This supports safe rollback, enabling or disabling complete JavaScript integration.

To enable or disable all pages:

1. On the *Low Code* page, click **Enable** or **Disable**.
  2. In the confirmation window, click **OK**.
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## Deleting Pages

### Deleting Pages

To delete pages:

1. On the *Low Code* page, select the checkbox corresponding to the page name you want to delete.
  2. In the **Action** column, click **Delete**.
  3. In the confirmation window, click **OK**.
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