

# Marketplace app development

Steps to develop the Marketplace app

Version 8.0



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# Steps to develop the Marketplace app



**Steps** to develop the Marketplace app are as follows:

1. Prepare the app development environment.
2. Develop the app functionality.

## 1. Prepare the app development environment

Use the development environment, a separate website, to develop the Marketplace app. Learn more about the development environment in a separate article: [Environments](#).

You can deploy the app development website in the following **ways**:

- On-site: deploy the Marketplace app on the local servers of the customer.
- Cloud: deploy the Marketplace app on the cloud. The cloud development environment is a bundle of Creatio base products (Sales Creatio, Marketing Creatio, and Service Creatio). This lets you use any base Creatio functionality when developing Marketplace apps.

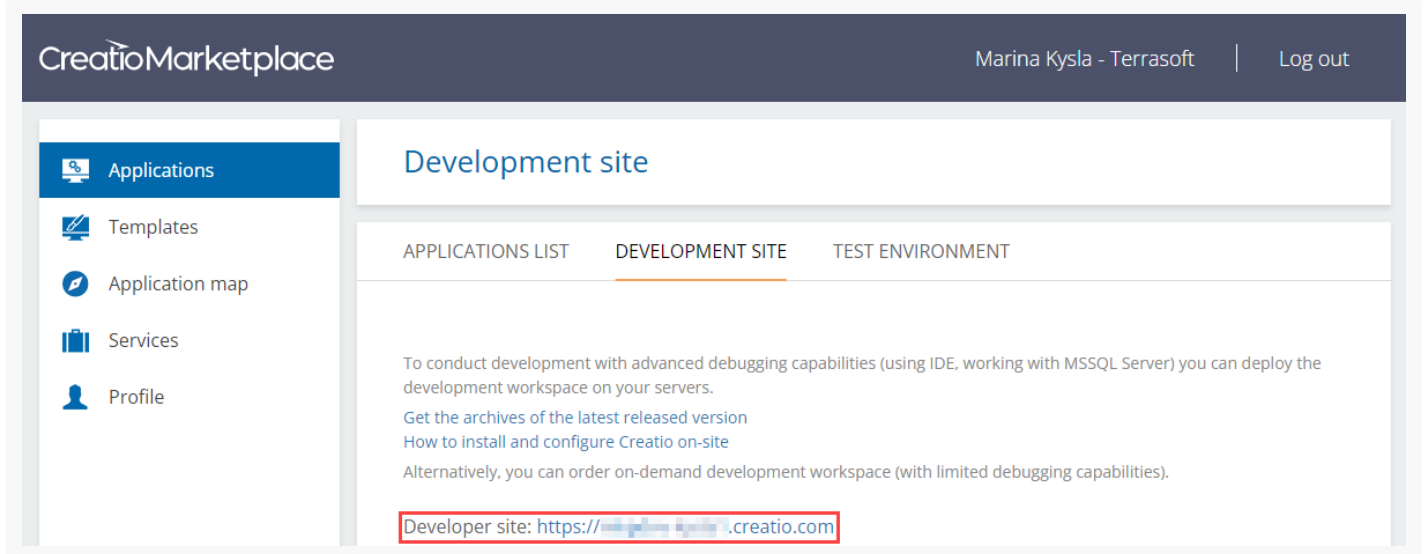
Learn more about the advantages and limitations of the Marketplace app development website in a separate article: [Creatio main application](#).

To **prepare a local development environment**, contact Creatio Technical support ([support@creatio.com](mailto:support@creatio.com)) to retrieve the binary files of the Creatio app.

To **prepare a cloud development environment**:

1. Open the [Creatio Marketplace](#) website.
2. Select [ *Developer profile* ] in the account menu of the toolbar.
3. Click [ *Applications* ] → [ *Development site* ] on the properties panel.
4. Enter the email address to send the link to the development environment in the [ *Order cloud development site* ] field.
5. Click [ *Send* ] to request a cloud development environment to the Creatio Technical support.

Creatio Technical support provides a free cloud development environment after processing the request. The user receives an email with a link to the development environment app to the email address from the [ *Order cloud development site* ] field. The link to the development environment app is displayed on the [ *Development site* ] tab of the [ *Applications* ] section in the Developer profile.



## 2. Develop the app functionality

When developing a Marketplace app, the developer can create any additional elements of the system, configuration, business processes, mobile app, or integration with software, service, or external app. The Marketplace app can be an improvement of any base Creatio product.

A Marketplace app is a set of packages. It lets you extend the functionality of the base Creatio products. Learn more about packages in a separate article: [Packages basics](#).

The number and composition of Marketplace app packages depend on the complexity of the implemented functionality. For example, to invoke a third-party service from an existing record page, replace one or more configuration element schemas, and group them in a single custom package. To add a Creatio section, implement multiple dozen configuration element schemas.

The Marketplace app development, as well as the Creatio instance, is performed using [development tools](#) and based on the basic principles of software design, in particular, the **Don't repeat yourself (DRY)** principle. Creatio architecture implements this principle via **package dependencies**. Learn more about the DRY principle on the [Wikipedia](#). Learn more about package dependencies in a separate article: [Packages basics](#).

Learn more about tools for Marketplace app development in separate guides: [Development tools](#), [Marketplace app development](#).

After that, you can move on to publishing the Marketplace app. Learn more in a separate article: [Steps to publish the Marketplace app](#).