# Developer Cookbook

Under this section you will find recipes for day-to-day eZ Publish 5 development.

- eZ Publish 5 Field Type Tutorial — This tutorial aims at covering the conception and development of a custom eZ Publish 5 FieldType.
  - Implementing the Legacy Storage Engine Converter
  - Implementing the Tweet\Type class
  - Implementing the Tweet\Value class
  - Registering the FieldType as a service
  - Template implementation
  - The bundle
    - Creating the bundle
    - Structuring the bundle
- How to authenticate a user with multiple user providers — This recipe is compatible with eZ Publish 5.3 / 2014.01
- How to convert request parameters into API objects
- How to create a new design using Bundle Inheritance — In this cookbook we will create a customized version of a template from the DemoBundle.
- How to customize UserHash generation — Compatible with eZ Publish and (up to 2014.11)
- How to expose SiteAccess aware configuration for your bundle — This recipe is compatible with eZ Publish 5.4 / 2014.07
- How to implement a Custom Tag for XMLText FieldType — This recipe is compatible with eZ Publish 5.2 / 2013.07
- How to listen to Core events — This recipe is compatible with eZ Publish 5.2 / 2013.07
- How to paginate API search results — This recipe is compatible with eZ Publish 5.2 / 2013.11
- How to retrieve root location — This recipe is compatible with eZ Publish 5.2 / 2013.09
- How to run long-running console commands
- How to structure an eZ Platform project
- How-to trigger a workflow using the Public API — Fortunately, there is a quite simple way to trigger workflows from eZ Publish 5 code: by using a Legacy Kernel Callback. The overall process is described in the Legacy code and features documentation chapter.
- How to use a custom controller to display a content item or location — This recipe is compatible with eZ Publish 5.2 / 2013.07
- Import settings from a bundle — The following recipe is valid for any type of settings supported by Symfony framework.
- Use PHP5.4 built-in server — This recipe is compatible with eZ Publish 5.2 / 2013.05
- Using Composer — This page only applies to eZ Publish Platform 5.3 and higher, for earlier versions of the Enterprise version of eZ Publish consult Service Portal user guide available for download at support.ez.no http://support.ez.no. This page is also generic about using Composer, for instructions specific to a release, see release notes.
  - Composer for Frontend Developers
  - Composer for System Administrators