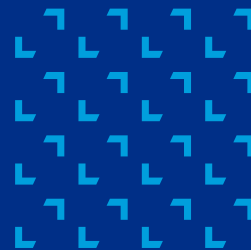


The logo for entando, featuring the word "entando" in white lowercase letters on a dark blue square background. The letter "e" has a small blue square to its left, and the letter "o" has a small blue square to its right.

Onsite Training and Certification

www.entando.com



Professional Developers

Training Package

Learn how to rapidly build modern applications on the Entando platform.

Summary

The Entando Professional Developer certification course provides the fundamental training required to be a certified Entando Developer. This course offers an in-person look at the Entando platform, covering both a theoretical and practical approach towards knowledge and skill development. Participants will learn about a wide range of topics, including modern, process-driven applications with hands-on exercises and integration with third-party products. The Entando Professional Developer certification ensures a thorough understanding of the Entando Platform.

Duration	3 days of Instructor-Led Training + 2 days training on the job for the startup of a specific project. Followed by 3 days of remotely supported training on the job.
Location	Onsite (customer or certified Entando facility).
Audience	This course is aimed at Full-Stack Developers, Javascript Developers, Java Developers and Solution Architects.
Prerequisites	<p>Participants should have hands on experience using the following technologies:</p> <p>Front End Technologies</p> <ul style="list-style-type: none">• Javascript (jQuery)• AJAX• Javascript or framework AngularJS/ React//jQueryetc.• HTML5/CSS3 (markup and style)• Bootstrap3• Npm <p>Back End Technologies</p> <ul style="list-style-type: none">• Java J2EE/EE• Spring• Kubernetes• Ant• Maven <p>Others</p> <ul style="list-style-type: none">• REST APIs• Web Services (JSON, XML, Spring HTTP, etc.)• Freemarker• Velocity (to create content model)

Learning outcomes

- Understanding of Entando fundamentals
- Knowledge of process-driven applications
- A local, configured Entando installation
- Implemented, custom theme/template
- Customized Page layouts within Entando
- Integration with external services
- Ability to manage and author web content
- A configured site with pages and micro-frontends
- A custom developed Widget
- A newly implemented Plugin

Agenda

Day -1 (prior to training)

- Install and configure an Entando instance via Getting Started guide

Day 1

- Overview of the Entando Platform
- Overview of the technologies used in Entando
- Overview of the App Builder
- How to work with App Builder elements (pages, page templates, contents, content types, content templates, attributes, widgets, etc)
- Creating hello world

Day 2

- Architecture in depth
- Developing a plugin with the Entando Blueprint
- The Entando APIs
- The Entando CMS
- Creating and integrating Micro-frontends
- The Entando Component Repository and creating Entando bundles

Day 3

- Identity management and Keycloak
- DevOps and deployment
- Process driven applications
- Blueprint in depth and extending the Entando Blueprint
- Extending the App Builder

Local lab and environment

The Entando Professional Developer Training course contains live lab exercises. It is necessary to install and run Entando locally on each student's workstation. The following minimum requirements should be met prior to the training. If you are unsure of your environment, and would like help, you can contact Entando for an installation and verification checklist.

Operating System Requirements:

- Windows Hosts: Windows 10 Pro RTM build 10240 (64-bit)
- Mac OS X hosts (64-bit): 10.9 – 10.12 or superior
- Linux hosts (32-bit and 64-bit): Ubuntu 12.04 to 16.10, Debian GNU/Linux 7 ("Wheezy") and 8 ("Jessie"), Oracle Enterprise Linux 5, Oracle Linux 6 and 7, Red Hat Enterprise Linux 5, 6 and 7
- Fedora Core / Fedora 6 to 25, Gentoo Linux, openSUSE 11.4 to 13.2, Ubuntu 18.04

Software Requirements:

- Java JDK Version: 8.0
- For local Kubernetes (optional): minikube, mini k8s, minishift or code ready containers

Hardware Requirements:

- CPU: any kind of x86-type processor (Intel and AMD processors)
- RAM: you should have at least 16GB RAM
- Hard Disk Space: 20Gb free

Supported Browser:

- Microsoft Edge
- Mozilla Firefox (Latest/Stable)
- Google Chrome (Latest/Stable)
- Apple Safari / versions 12+

Certification Program

The Entando Certification Program provides Entando partners with a benchmark for assessing a candidate's knowledge on the Entando Platform and with a certification that proves the advanced skills of developers.

Program

Certifications attest professional skills on the Entando Platform. The Entando certification program is designed for Partners who wish to acquire solid knowledge in Entando Platform according to their needs and preferences.

The certification program is addressed to Developers.

Certification Exam

Entando certification exams are directed toward key audiences that are typically found in an Entando environment.

Duration: 90 minutes

Passing score: 70%

Item Types:

True/False - Exam candidates will be asked to indicate if a statement is true or false.

Multiple Choice Single Answer - Exam candidates will be asked to select the correct answer between the provided options.

Multiple Choice Multiple Answer - Exam candidates will be asked to select all the correct statements.

Achieving recognition as an Entando Certified Professional Developer proves the understanding of core concepts for developing Entando components, and the expertise to follow Entando best practices to develop strong, elegant, and maintainable solutions based on Entando Platform.



Entando is an open source software company providing the leading micro frontend platform for building enterprise web applications on Kubernetes.

The company is headquartered in San Diego CA with engineering centers in Europe. Entando was refounded in 2015 in response to the growing demand for tools and services to create modern web applications and has since stepped into international markets.

In 2015 Entando was named in the “Cool Vendors in Web Computing” Gartner report. In 2017, it became an official Red Hat Technology Partner. In 2018 the platform won the Digital360 Awards prize in the cloud computing category.


As a leader in modern software paradigms, Entando seeks to continuously and rigorously optimize and standardize the enterprise experience of building applications in the modern world, helping them succeed in any field. Entando has particular expertise in the banking, public sector, and services industries.

Entando is supported by a strong ecosystem of certified partners that bring both industry expertise and local delivery capabilities to address our customers’ most common needs: time to market, continuous innovation, and simplicity.

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 www.youtube.com/c/EntandoVideos

