

10:00AM – 12:00PM

**Session I**

10:00AM – 10:30AM

**Magento 2 Admin UX and Framework Changes****Jonathan Atkins, Head of Product Design & UX, Magento**

A fantastic new look and feel is coming to the Magento administrative interface. In this session, you'll learn about changes to the user interface and front-end framework so you can build extensions and customizations that will work within the new system.

10:30AM – 11:00AM

**Introduction to Magento 2 Configuration****Olexii Korshenko, MTS 1 Software Engineer, Magento**

Magento 2 makes extensive use of XML configuration across multiple systems. Join us for a walk through of the XML config files you will encounter in Magento 2.

11:00AM – 11:30AM

**Migrating Your Theme to Magento 2****Vitaliy Korotun, MTS 2 Architect, Magento**

Discover how to migrate an existing theme to Magento 2. We'll take you through a simple theme migration example to show you recommended approaches, challenges to watch out for, and much more.

11:30AM – 12:00PM

**Migrating Merchant Data to Magento 2****Andrey Konosov, MTS 2 Architect, Magento**

Magento will be providing a tool for migrating customer data from Magento 1 to Magento 2. In this session, learn how to prepare for migration, how the migration tool will work, and our recommended migration work-flow.

1:00PM – 3:00PM

**Session II**

1:00PM – 1:30PM

**Applying Code Customizations to Magento 2 - Part 1****Anton Kril, MTS 2 Architect, Magento**

Join a detailed discussion of customization approaches you can take with Magento 2. Topics covered will include Events, Dependency Injection and Plug-ins.

1:30PM – 2:00PM

**Applying Code Customizations to Magento 2 - Part 2****Eugene Tulika, MTS 2 Software Engineer, Magento**

We'll continue the in-depth discussion of ways to customize Magento 2 code by covering Service Contracts and WebAPIs.

2:00PM – 2:30PM

**Demystifying Code Generation****Sergii Shymko, MTS 1 Global Technical Support Engineer, Magento**

What are those mysterious files residing in the <magento2>/var/generation/ directory? Unlike Magento 1, Magento 2 employs source code generation to support a number of core mechanisms. This session will unveil the purpose and implementation of all types of generated code - proxies, factories, interceptors, and builders.

2:30PM – 3:00PM

**Caching Optimization for Magento Code Development****Andrey Konosov, MTS 2 Architect, Magento**

The optimal approach to enabling caches varies throughout the development life-cycle. In this session, learn exactly which caches to enable at each point in the development cycle to maximize performance.

4:00<sub>PM</sub> – 5:00<sub>PM</sub>**Session III**4:00<sub>PM</sub> – 4:30<sub>PM</sub>**Magento 2 Performance and Scalability: Where We Are and Where We Are Going*****Oleg Kobchenko, Manager, Software Development 1***

A key goal for Magento 2 is to improve platform performance and scalability. Get a deep dive into performance and scalability improvements to date, and plans for further enhancements prior to launch.

4:30<sub>PM</sub> – 5:00<sub>PM</sub>**Re-factoring Into TDD / BDD for the Future*****James Cowie, Software Engineer, Session Digital******Allan MacGregor, Magento Practice Lead, DEMAC MEDIA******Joshua Warren, CEO, Creatuity***

Get a hands-on demonstration of how to use Test Driven Development (TDD) and Behaviour Driven Development (BDD) to ref-actor legacy code. In this session, we will use a combination of Integration, Unit, and Functional tests to migrate a Magento 1 extension to Magento 2.

5:00<sub>PM</sub> – 6:00<sub>PM</sub>**Magento 2 Office Hours with the Magento Development and Product Teams**

Do you have questions about Magento 2? Would you like to go even deeper on any of the topics covered during the Magento 2 Technical Deep Dive? Join us for an open "office hour" where you can pose your questions to members of the Magento development team.