Week 1 Unit 3: **Deploying Your First HTML5 Application**

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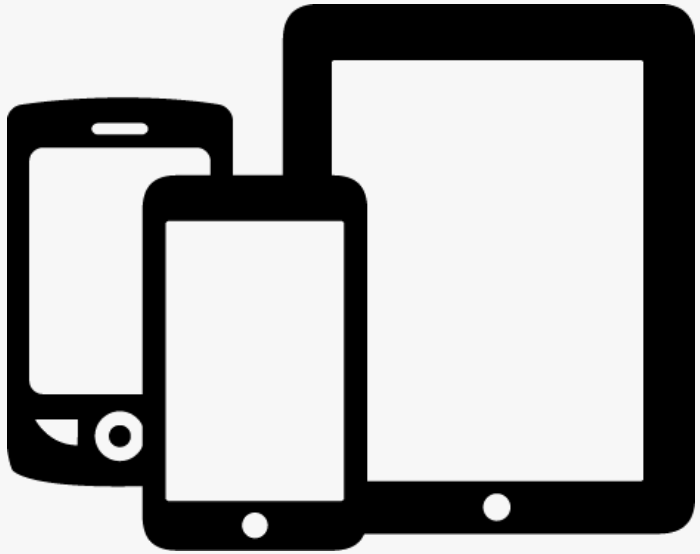
Deploying Your First HTML5 Application

HTML5 applications on SAP HANA Cloud Platform

Consist of static resources

Connect to an existing back end using REST services (on-premise or on-demand)

Example:
SAPUI5 application connection to a Yahoo REST service



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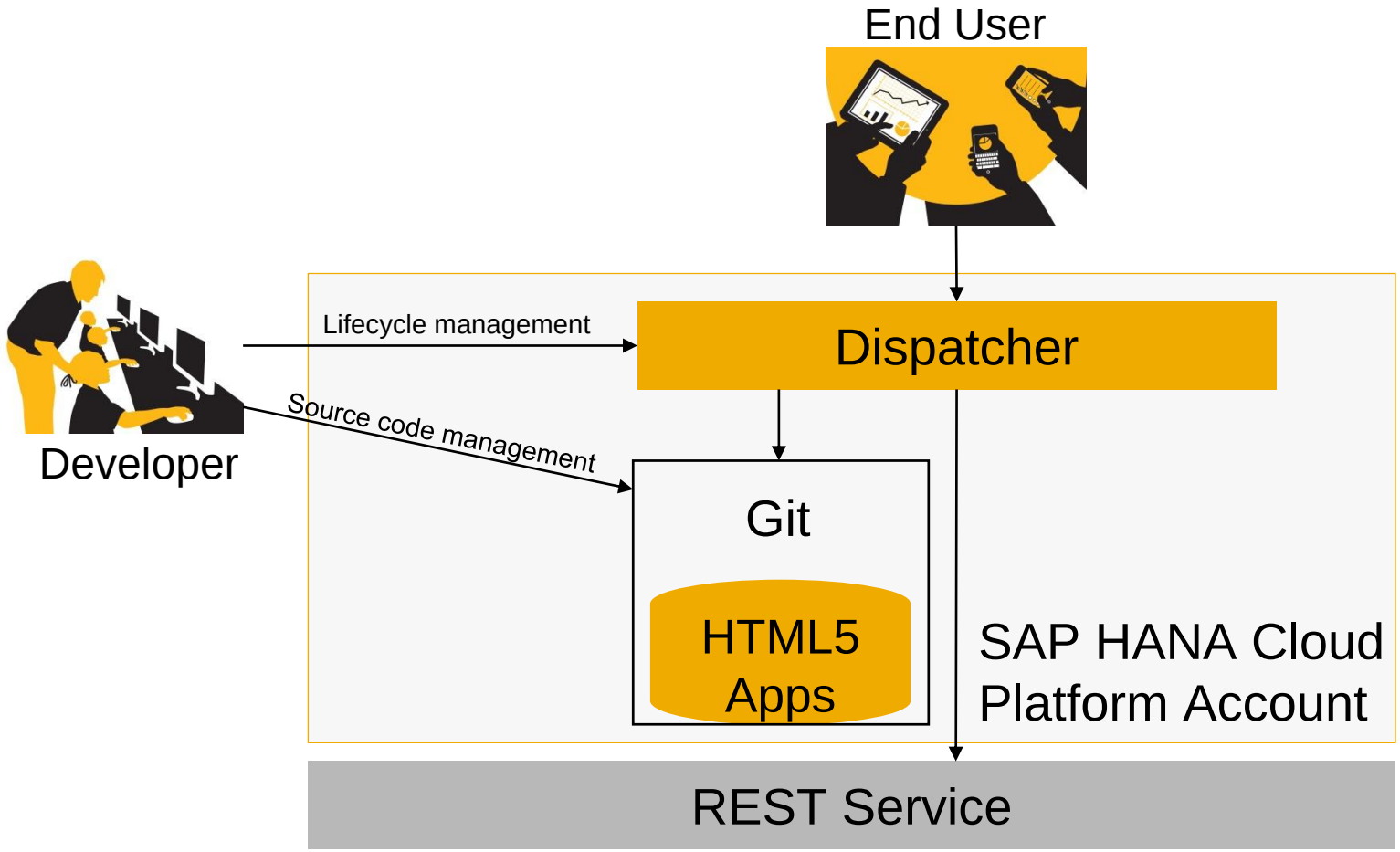
Deploying Your First HTML5 Application

HTML5 applications overview

- Application served by shared service (dispatcher), no VM required
- Integrated version management
- Resources stored in cloud Git repository
- No build and easy deployment



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Deploying Your First HTML5 Application

Git overview

- Version control
- Distributed versioning
- Created 2005 for Linux kernel development
- Enables collaborative workflows

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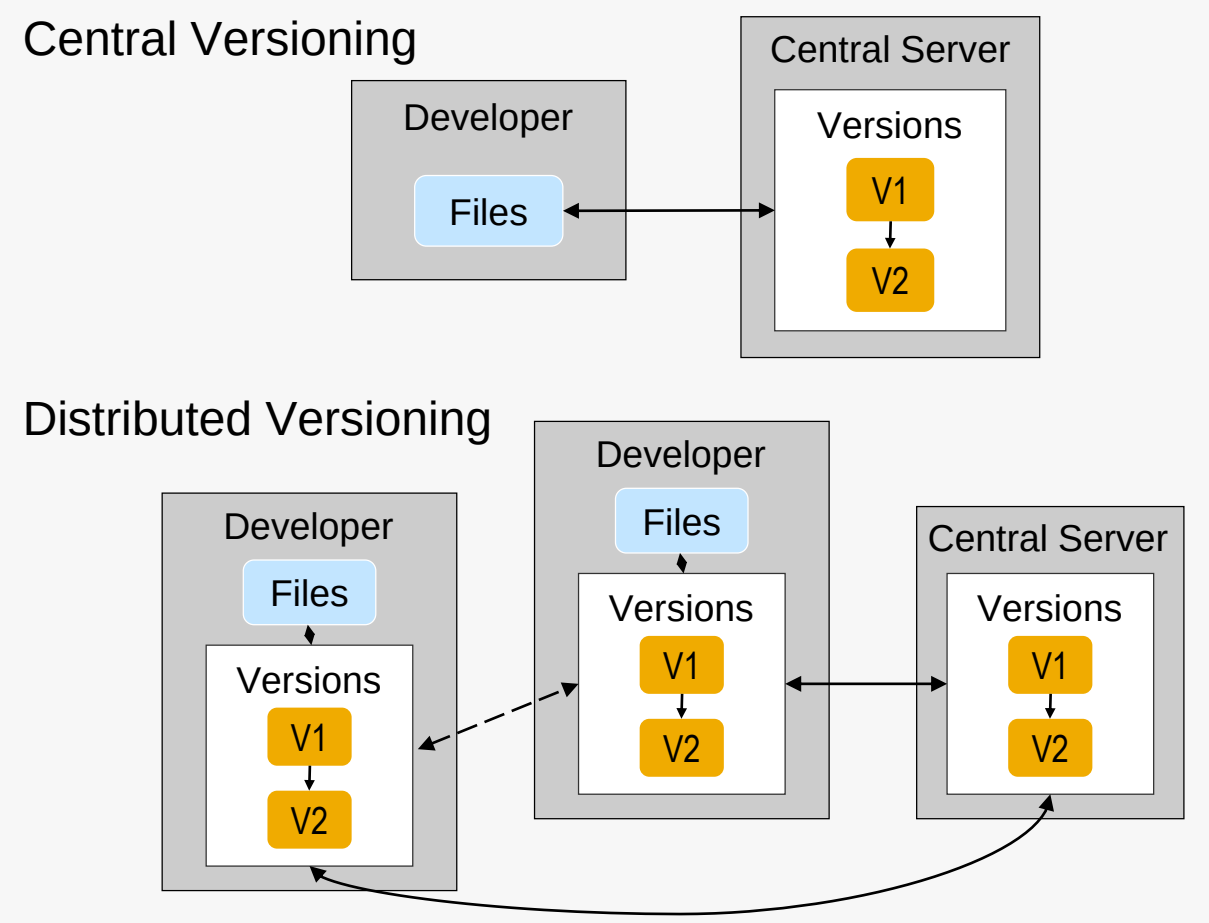
Deploying Your First HTML5 Application

Git overview: Distributed versioning

- There is no central authority
- The developer has the complete history
- Versions are created locally
- Branches are created locally



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Deploying Your First HTML5 Application

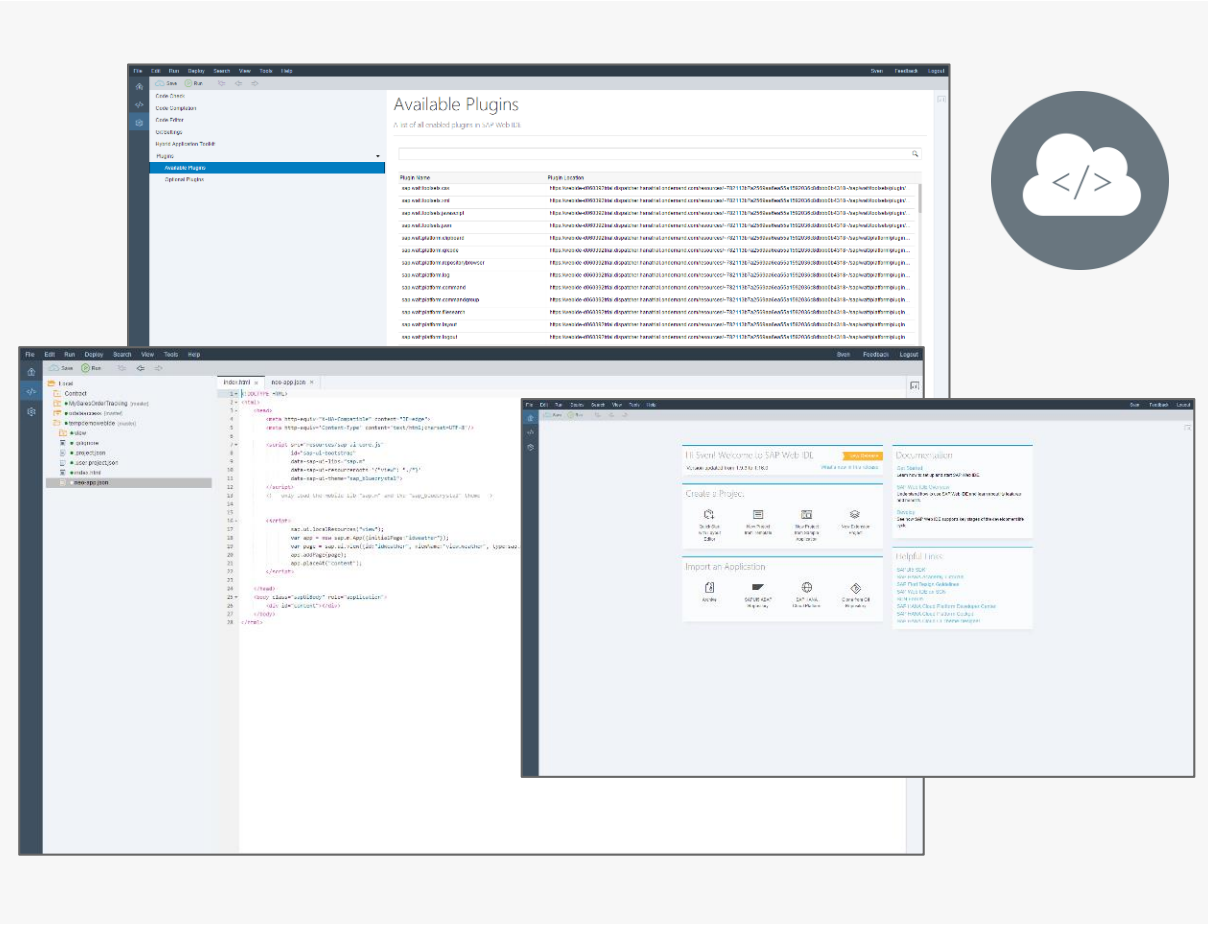
Choose your development environment for HTML5 apps

SAP Web IDE

- Develop online without local installation
- Comes with integrated Git client and online workspace
- Improved developer productivity through wizards, templates, and code editors

Eclipse

- Offline development
- Integrated EGit tooling to work with Git



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Deploying Your First HTML5 Application

How to create the “Hello World” HTML5 application

How to create the “Hello World” HTML5 application

Scenario:

- Develop a simple “Hello World” HTML5 application

How to do it:

- Create the “Hello World” application via the Web IDE
- Test and deploy the application

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Deploying Your First HTML5 Application

What you've learned in this unit

- HTML5 applications on SAP HANA Cloud Platform
- The development infrastructure
- Git
- Options for development environments
- How to create a simple HTML5 application
- How to test an HTML5 application

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Thank you

Contact information:

open@sap.com

openSAP

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