SAP Web IDE
Developing database centric applications using Eclipse Che

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Agenda

1. **Eclipse Community**
2. **Browser Based IDE**
3. **Database Centric**

SAP Contribution Eclipse Community

- ❑ Eclipse Tooling
- ❑ SAP Web IDE based on Orion
- ❑ SAP Web IDE based on Eclipse Che

eclipse

SAP Web IDE on Eclipse Che

Eclipse Che is an open source project to make workspaces universal.

Eclipse Che builds on JDT and Orion to provide a new developer experience.
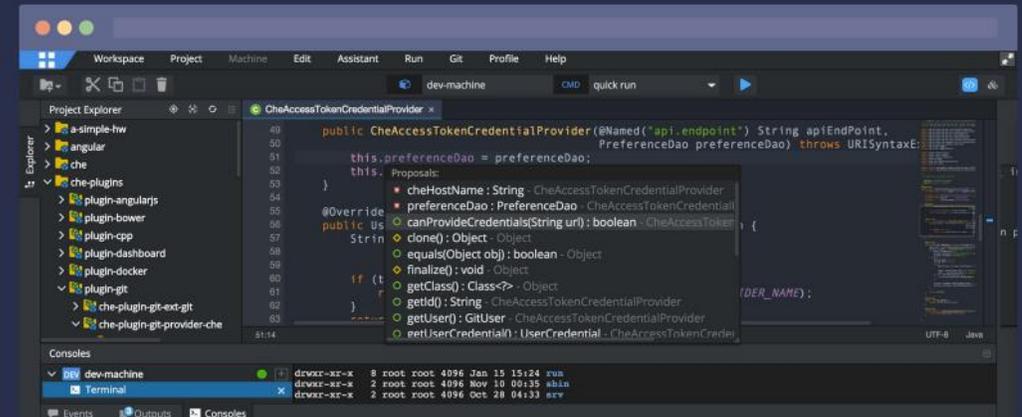
Browser Based IDE
SAP Web IDE

❑ By 2020 at least 70% of new app development will happen on cloud

❑ Developers collaborate more over cloud based infrastructures

❑ Professional programmers are critical for complicated applications. They expect to deliver applications faster, less expensively and with less need for a complex infrastructure

SAP Web IDE – Browser Based IDE
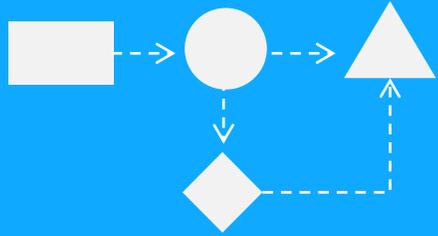
Prototype   Develop   Test   Package/ Deploy   Extend
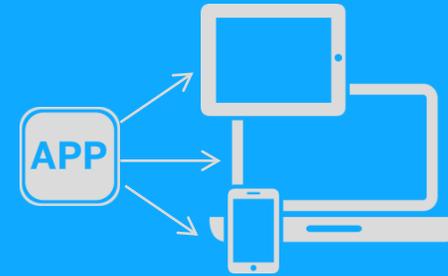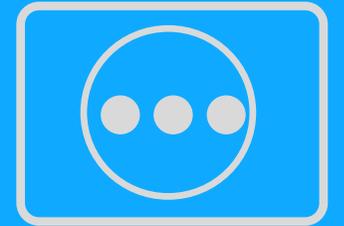
Cloud Based IDE Supporting end-to-end application lifecycle

Browser Based IDE for SAP HANA

❑ SAP Web IDE: fully developed in HTML5 JS
❑ Development Infrastructure (DI): based on Eclipse Che
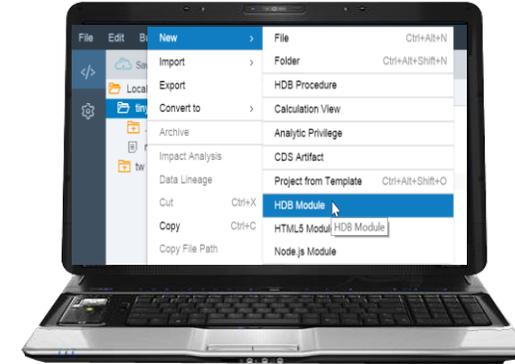
Eclipse Che API

❑ Why Eclipse Che?
- Rest API
- Support for entire development cycle
- Strict client-server separation

DI
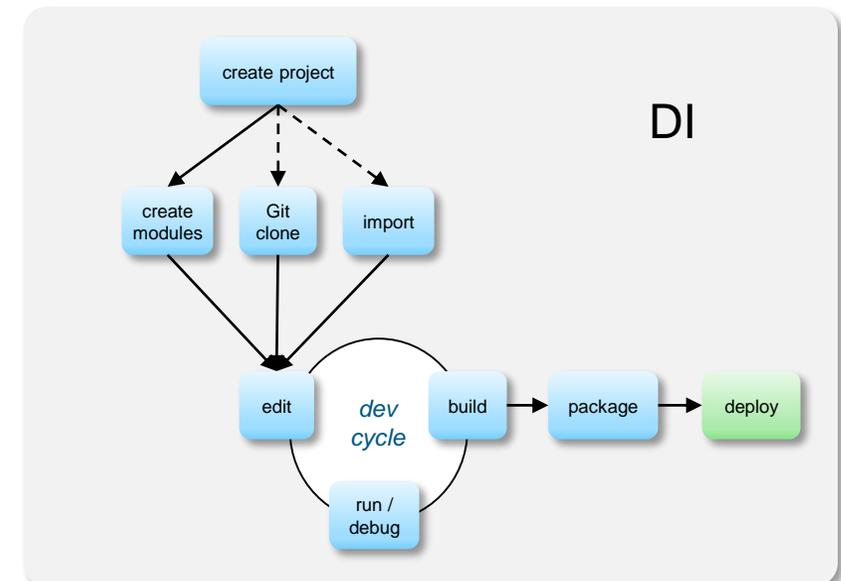
Development Infrastructure Services (based on Che)

- Tenant, account, subscription, user …
- Authorization, profile, role…
- Project
- Workspace, folders, files
- Version control
- Server resources
- Build
- Debug, run, test
- Package, deploy, ALM (SAP store)
- …

Orion subset

SAP Web IDE / Che API

edit build debug . . . run

development infrastructure services

SPI

infrastructure

Database-centric applications

user interface apps

business logic

data models and analytics

SAP Web IDE

SAP HANA database
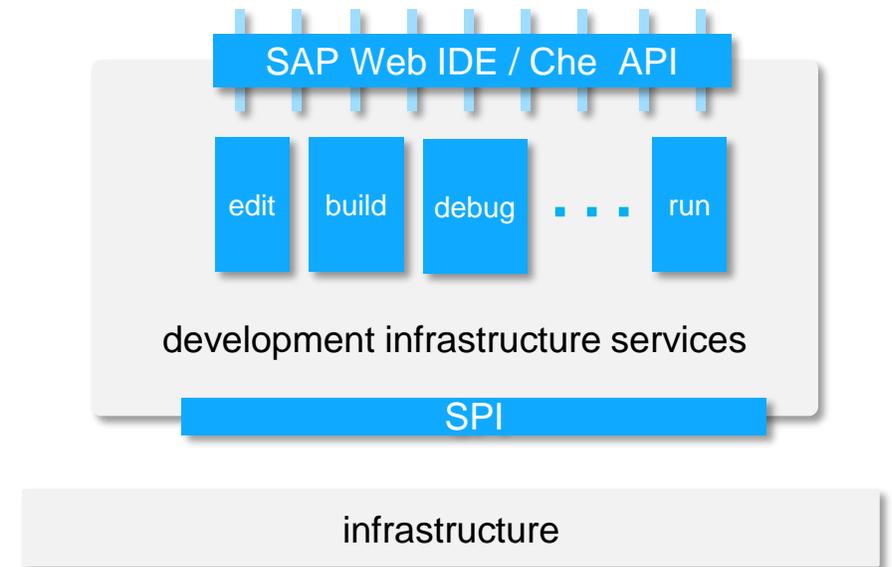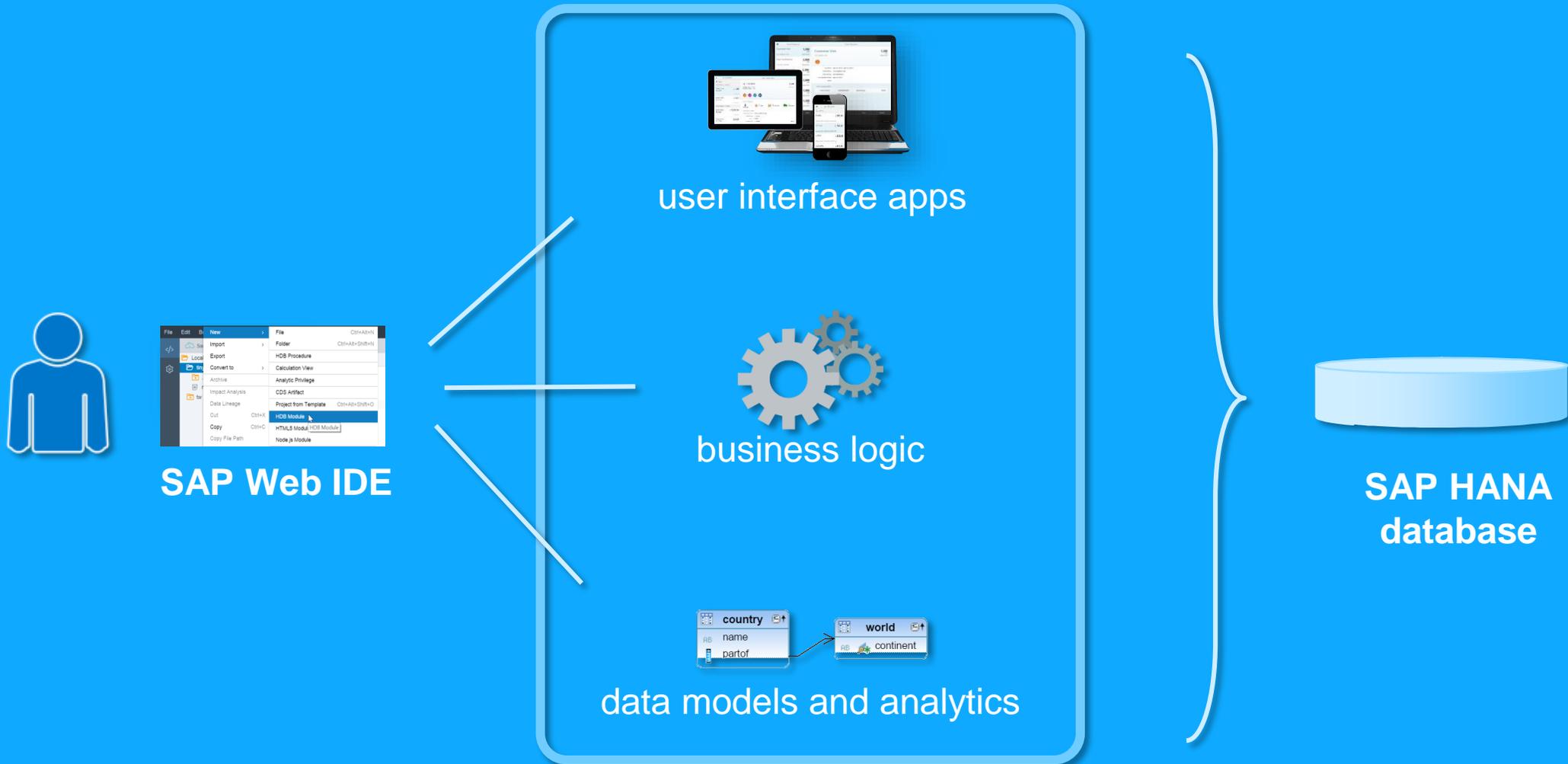
Thank-you !

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