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Agenda

ASSUMPTIONS

CHE INTRODUCTION

DEMO

FEEDBACK GATHERING

Q&A

What we are thinking about…

- Managing development tools takes time

- Speed and agility for creation of Developers workspace become more important

- With Desktop clients not managed centrally, there is slow down of adoption of new technologies

What we are thinking about…

- Developers need an Interactive Environment

- Developers start to prefer web application over desktop ones

- Developers want to choose IDE of their choice

- Developers wants IDE with integrated tools for life cycle management

- Graphical interface improves productivity
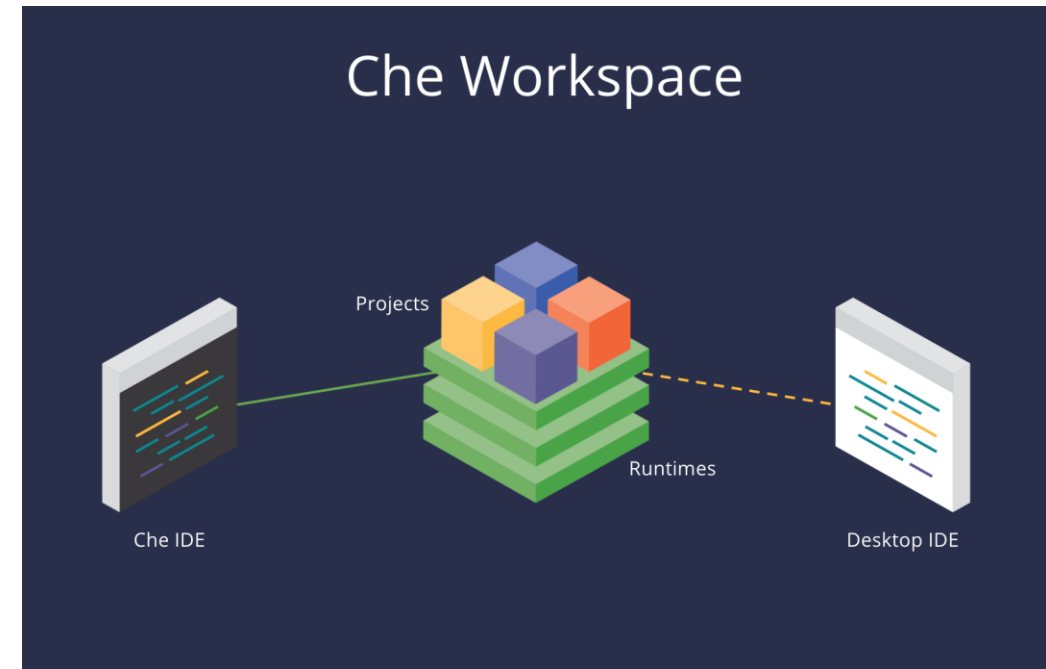
What we are thinking about…

- Developers want modern tools for their work (GIT, Jenkins, CI)

- Focus is on getting task done
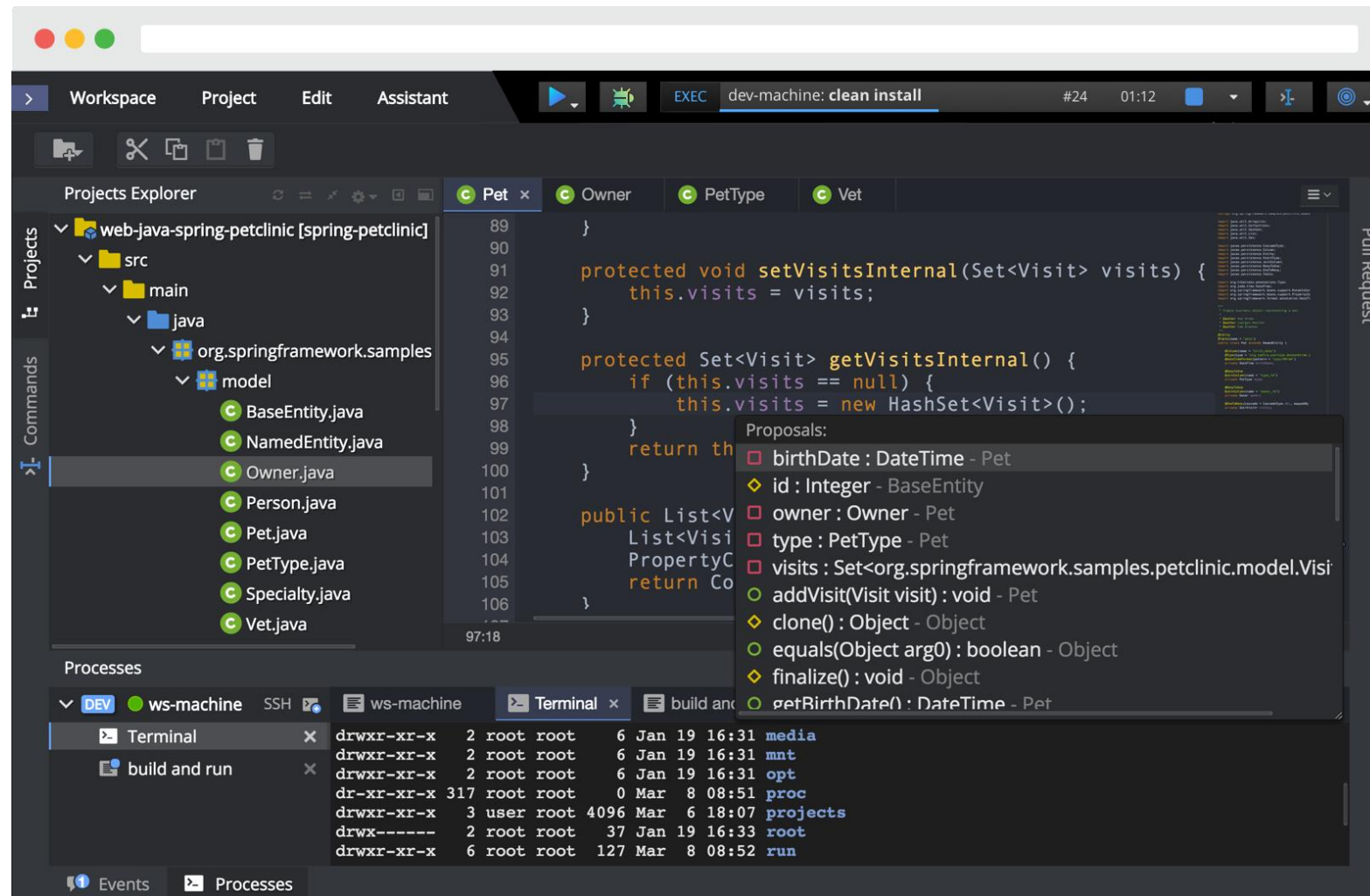
- Audit and security requirements

CA approach

- Cloud IDE for cross platform development

- Managed centrally

- Task oriented selection of the workspace

- Access to z/OS resources and tools

What is Eclipse Che

- Eclipse Che is a developer workspace server and cloud IDE built for teams and organizations.

- https://www.eclipse.org/che/

- Workspace is the central point.

- Containerization.

What is Eclipse Che

Eclipse Che Features

- Production runtimes (Docker, OpenShift, …).

- Cloud IDE

- "Dev Mode" your Workspace (injecting developer services).

- Team-Base Development (Team Workspace, Stacks)

- Language Server Protocol Support.

- Debuggers (Debugging agents).

Eclipse Che Features

- Use any IDE (Browser IDE or desktop IDE, SSH).

- SSH/Terminal.

- Stacks (runtime configurations).

- RESTful Workspaces (services reachable through RESTful API).

- Multi-Project.

- Commands.

- Extensibility and customization

Our Aim

- Cloud environments (MFaaS, API Gateway, Brightside)

- Extending Che to provide access to z/OS resources.

- Product specific plug-ins (Endevor SCM).

- Language Server support (Cobol, JCL, …).

- Debugger support.

- Exploring workflows for MF and cross-platform development.

Demo

Questions to be answered

William Shakespeare in 21st Century:

"To be or not to be (in Cloud)? ☺"

- Is your company thinking about Cloud adoption?

- Is it preferred Public or Private Cloud?

- Is your MF team thinking about Cloud adoption?

Questions to be answered

Life of Brian (the developer): access code, edit code, compile code, test and   build it. And get rid of it .

- What does developer need to support the business?

- Does developer prefer CLI or graphical interface to access a source code on z/OS?

- Is GIT involved into your development processes?

- Will be helpful if you can access Endevor artifacts thru GIT interface?

Questions to be answered

Life of Brian (the developer) continues: access code, edit code, compile code, test and build it. And get rid of it .

- Any IDE preferences?

- Do developers want SMART editors for MF languages?

- What are the current problems for developers?

- What are the most time consuming developer tasks?

- What is the functionality needed for Minimum Valuable Product?

Questions to be answered

Life of Brian (the developer) continues: access code, edit code, compile code, test and build it. And get rid of it .

- Unit tests for MF applications are part of developer daily job?

- Is there combination of working with modern tool and ISPF, or strictly with only one of them?

- Are currently available IDE's (DEz, IDz, Topaz, etc..) helping with productivity?

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