Next-gen Management Console

WildFly Mini Conference November 2024



About me



- Principal Software Engineer at Red Hat
- Joined the WildFly team in 2012
- Work on management capabilities of WildFly
- Management console lead (HAL)

Agenda



- Motivation
- Architecture
- Highlights
- Demo
- How to get involved
- Q&A

Motivation

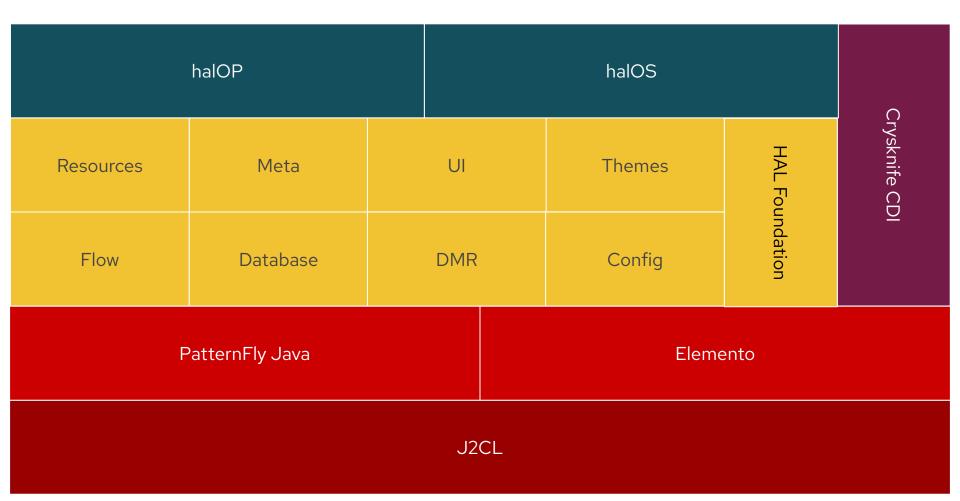


- Current codebase is pretty old
- Some dependencies are soon EOL
- Still on PatternFly 3
- No common code base for on premise and cloud

Architecture



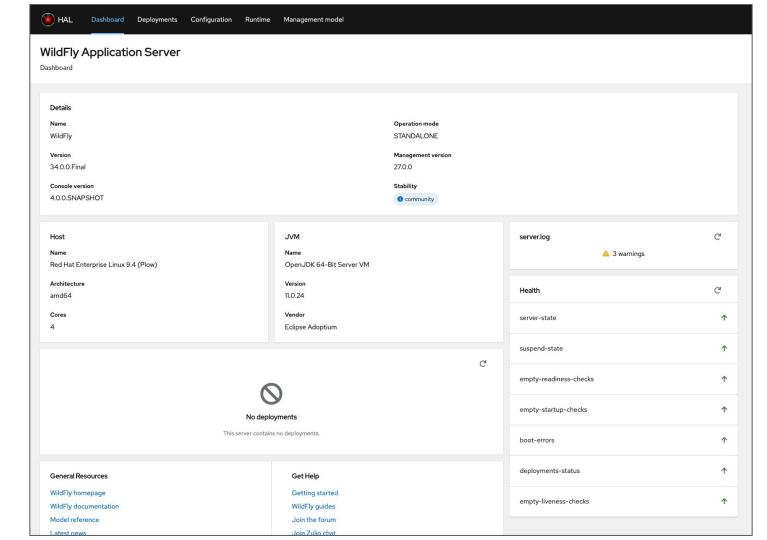
- Java 11 → Java 17
- ► <u>J2CL</u>
- Crysknife CDI
- Elemento, PatternFly Java
- Maven, Parcel, NPM



Highlights / Dashboard



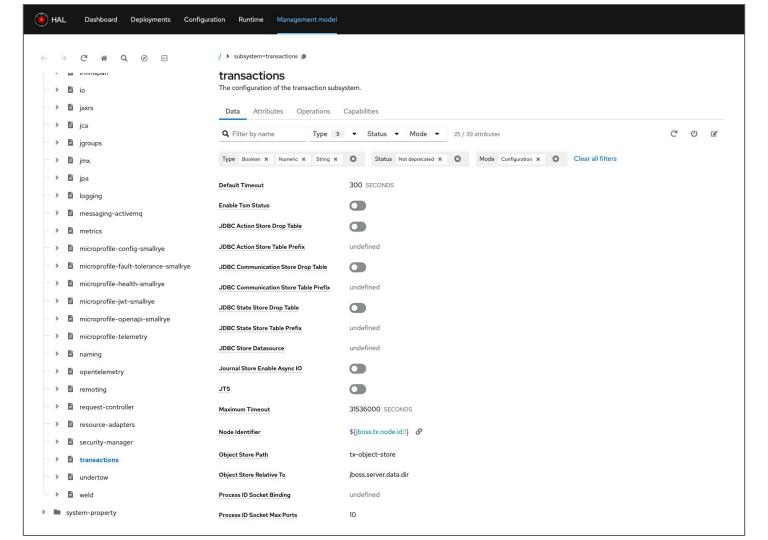
- Quick overview
- Multiple cards
- Get involved: github.com/hal/foundation/issues/71



Highlights / Model Browser



- Search for / go to resources
- Follow capability references
- Filters by name, type, status and mode
- Better expression support
- Execute operations







Get Involved



- Get the code: <u>github.com/hal/foundation</u>
- Start <u>contributing</u>
- Get involved with the <u>dashboard</u>
- Join the discussions on the <u>WildFly Google group</u>, or chat with us on the Zulip <u>HAL</u> channel



