WildFly Glow

WildFly provisioning made easy
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WildFly

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- Zulip channel: [Nov 2024 Mini Conference](#)
- Why
  - Reduce WildFly Provisioning complexity by discovering the Galleon configuration from your deployments.
- What
  - Glow stands for "Galleon Layers Output from War"
  - Just a name, it also supports jar and ear
- How
  - Scanning of your deployment, it produces the set of Galleon feature-packs and layers that your application requires
  - A Command Line tool
  - Integration in WildFly Maven Plugin `package` goal

OpenShift deployment demo

- Demo application requires:
  - A postgreSQL datasource
  - A postgreSQL server
- WildFly Glow command line:
  - Binds all parts together
  - Deploys all to OpenShift

```
./wildfly-glow scan examples/todo-backend.war
--add-ons=postgresql --provision openshift
```

Status

- WildFly Glow 1.1.1.Final
- Used in WildFly [quickstart](#)
- WildFly Maven Plugin 5.0.1.Final
- Future:
  - Handling of Jakarta DataSourceDefinition.
  - Support for Incubating Galleon feature-packs.
    - Allows early developments to be discovered by WildFly Glow and suggested

Resources

- WildFly Glow
  - Project: https://github.com/wildfly/wildfly-glow
  - Online documentation: http://docs.wildfly.org/wildfly-glow
- Blog posts:
  - Introduction
  - Vlog
  - Testing
  - Master the Boss article
- WildFly Galleon feature-packs registry
  - Project: https://github.com/wildfly/wildfly-galleon-feature-packs
  - Online documentation: http://docs.wildfly.org/wildfly-galleon-feature-packs
- WildFly Maven Plugin
  - Project: https://github.com/wildfly/wildfly-maven-plugin
  - Online documentation: https://docs.wildfly.org/wildfly-maven-plugin/releases/5.0/
- WildFly quickstarts
  - https://github.com/wildfly/quickstart

THANK-YOU!