APACHE SLING & FRIENDS TECH MEETUP
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Sling IDE Tooling

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- **Apache Sling PMC member**
- **Long-time Open Source contributor (MantisBT, Eclipse plug-ins)**
- **Working on Adobe AEM**

- **Context on the Sling IDE Tooling**
- **Major Features**
- **"Real" Demo**
- **Technical foundations**

- **5+ years of Java development outside the Sling stack**

- **3 years of Java development with the Sling stack**

- **Typically, non-Sling world has better tooling with worse runtimes (servers, DBs)**

- **Sling IDE Tooling – Apache Sling**
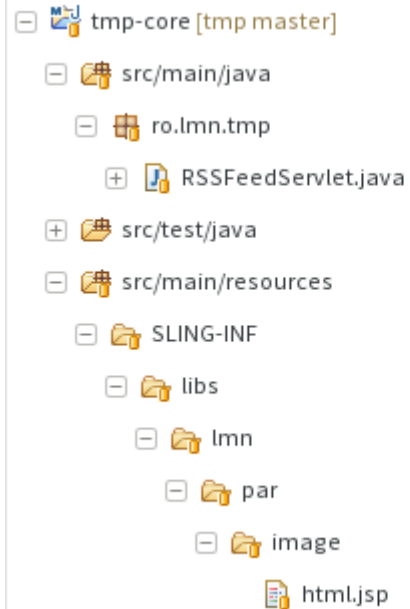- **AEM Developer Tools for Eclipse – Adobe @ GitHub**

- **We embed FileVault as a library**
- **No FileVault installation/configuration is necessary**
- **No system calls to vlt are made**
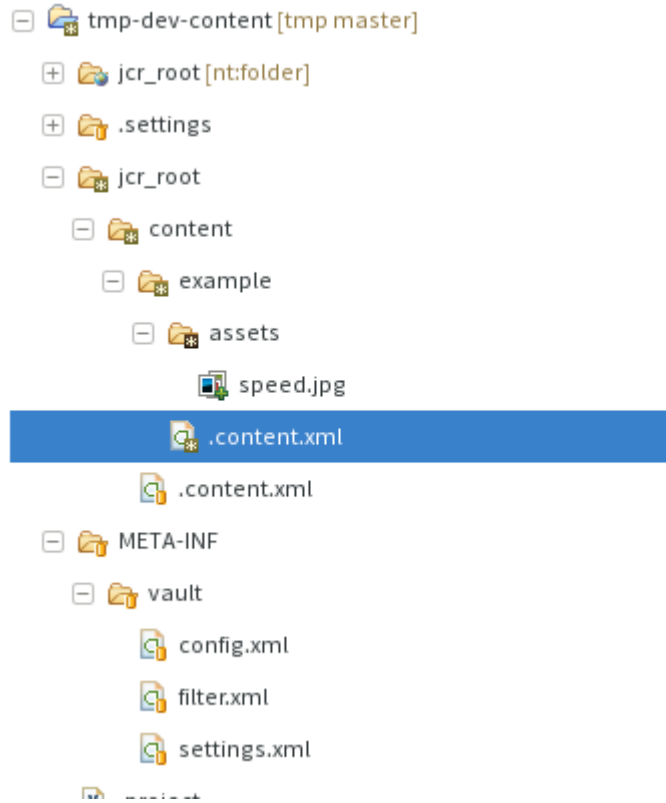- **Filesystem format is compatible with FileVault**

- **Bundle deployment and debug**
- **Content synchronization**
- **Content navigator and properties editor**

- **Web-based blog**
- **1 bundle, including scripts**
- **1 content project for demo content**

Demo application


```
tmp-core [tmp master]
    src/main/java
        ro.lmn.tmp
            RSSFeedServlet.java
    src/test/java
    src/main/resources
        SLING-INF
            libs
                lmn
                    par
                        image
                            html.jsp
```

Demo application

Demo time

- **Working with bundles**
- **Working with scripts and frontend files**
- **Working with unstructured content**

Tooling internals

Transport

Filter

Serialize

APIs and
Core Utilities

FileVault

Resource

Content Sync

Core

UI

m2e-UI

Eclipse

Feature ideas

- **Repository browser**
- **Sightly**
- **Log viewer**
- **Wizards for OSGi components**
- **Wizards for JCR structures**
- **...**

Resources

- **http://sling.apache.org/documentation/development/ide-tooling.html**

Q&A