jHipster

MeetUp 2016-01-25

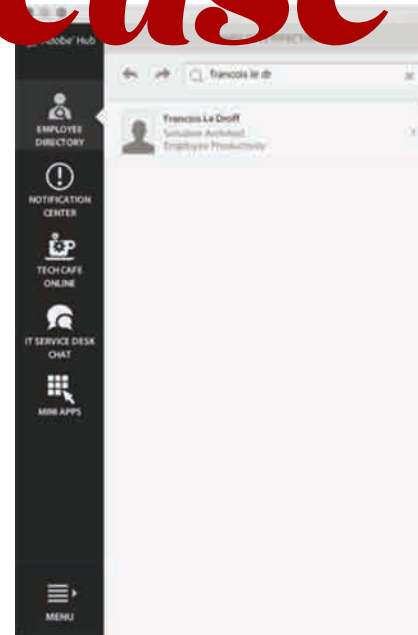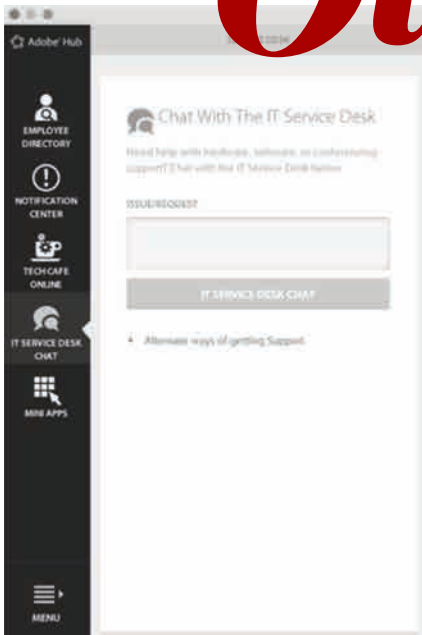# François

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Deep Dive

Notre application "Adobe Hub"

Our use case

Yo

Contraintes de sécurité

SSO, SSL et chiffrement

- ~~Mongeez~~
- **SSL all the way**
- **Mongo SSL**
- **RSA Assymetric encryptor**
- **SAML SSO**
  - **Okta IdP**
- **UX**
  - **2 FA**
  - **Using OAuth2**

Ajouts

- **SAML Support**

  PKCS12Manager

- **oAuth2 server provider**

  oAuth2 MongoToken Store

  With clientId and client secret dynamically provisionned

- **Mixing SAML‖BasicAuth + oAuth2**

- **Mixing http + websocket**

  activeMQ

- **Mongo SSL support**

  X509Condition Switching with profile

- **RSA Assymetric encryptor**

  @Encrypted

- **Hystrix Commands**

Difficultés

- **Difficulty to commit this back**
- **What would help**
  - **JHipster Common libraries**
  - **Re-architecture:**
    - microservices
    - + dedicated IdP
    - + dedicated oAuth2 server

Recettes

Avec Chef
- **JVM**
- **JCE**
- **Tomcat/fat jar**
- **iptables**
- **haProxy**
- **activeMQ**
- **Splunk forwarder**
- **SSL & Api keys**
  - managed with Chef-vault

Questions ?

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