



Sodalite

A Smart IDE for Infrastructure as a Code

Hands-on session

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Prerequisites



- **Install the SODALITE IDE at your laptop, following the instructions at:**

<https://github.com/SODALITE-EU/ide/blob/master/README.md>

Hands-on Session Outline



- Smart IDE introduction:
 - Smart IDE workbench - DSL modeling
 - Resource Models (RMs),
 - Abstract Application Deployment Models (AADMs),
 - Optimization models,
 - Ansible models,
 - Monitoring Alerting rule models
 - Interface to SODALITE processes:
 - App Deployment,
 - Registering Monitoring alerting rules,
 - Platform Discovery (PDS),
 - Build Images (Image Builder)

Hands-on Session Outline (Cont'd)



- Smart IDE hands-on session
 - IDE configuration
 - Modeling an application deployment topology - Snow App
 - Textual modeling
 - Content assist
 - Visual representation and modeling
 - Syntactic and Semantic validation
 - Fixing errors with suggested quick fixes
 - Saving models into the Knowledge Base (KB)
 - Browsing existing KB models
 - Deploying an application
 - Managing deployed applications

SODALITE: <https://www.sodalite.eu/>

Smart IDE: <https://github.com/SODALITE-EU/ide>

**Thank you
Q&A**