

## DEVELOPMENT IN EXAMIND

REF : ExaD

**Objectives**

- Presentation of Examind architecture
- Adding and editing features

**Duration :** 3 days  
**Registration fees :** 3000 €  
**Contact :** formation@geomatys.com

**Public** Java/AngularJS developers  
**Prerequisite** Using Examind training (ref : ExaP)

### Forward program

#### Examind overall architecture presentation

- Presentation of the overall architecture
- Presentation of the coding conventions and rules
- Presentation of the Examind REST APIs

#### Developing environment deployment

- Dependencies installation (Java, Maven, Tomcat, PostgreSQL)
- Examind installation and compilation

#### Editing and adding web interface

- Presentation of the front-end architecture
- Adding a new page
- Editing an existing page

#### Editing and adding a REST interface

- Presentation of the back-end architecture
- Adding a REST controller

#### Adding new processes

- Presentation of the Geotoolkit API Process
- Examind process
- WPS compatibility

#### Adding new DataStores

- Presentation of the Geotoolkit API DataStore
- Creating a Features store
- Creating a Coverages store

#### Services added

- Presentation of Examind service API
- Creating a service and its REST API
- Creating the service configuration interface

