Semarchy

xDI DEV
Practical training

Training rhythm

	Begin in the Morning	Type of content	Content	End in the Morning		work in autonomy	Begin in the Afternoon	Type of content	Content	End in the afternoon
Monday	9h00	Theory and demonstrations	Presentations, introduction of the concepts, architecture, demonstration, Metadata and Mappings	12h30		Exercises tutorial on metadata & mappings	16h30	Feedback on exercises and knowledge enhancement	Metadata and mappings	17h30
Tuesday	9h00	Theory and demonstrations	Enhancement on Mappings, Mapping templates & parameters	12h30		Exercises tutorial on mappings	16h30	Feedback on exercises and knowledge enhancement	Mappings	17h30
Wednesday	9h00	Theory and demonstrations	Process (actions, links, templates, variables, scripts and XPATH), hierarchical files (XML, JSON)	12h30		Exercises tutorial on process and XML	16h30	Feedback on exercises and knowledge enhancement	Process & hierarchical files	17h30
Thursday	9h00	Theory and demonstrations	Web Services (invoke, publish), Metadata variables, Configuration, Deployment under Designer, in command line, Semarchy xDI Analytics	12h30		Exercises tutorial on Web Services (invoke, publish)	16h30	Feedback on exercises and knowledge enhancement	Components, modules and presentation of the exercise's library	17h30
Friday	9h00	Exercises	Exercise's library	12h30		Exercise's library	16h30	Feedback on exercises and closure of the training	Feedback on exercises and training closure	17h30

A break at the middle of each morning

Introductions

- Please tell us about yourself:
    - Name
    - Company & Job role
    - Data Integration Knowledge
    - skills
        - SQL
        - Xml & Json
        - Web services
    - Expectations of the course

...And something interesting about yourself !

Logistics

- For hands-on exercises:
    - License will remain active for 7 days
    - Exercises build upon each other, so it's important to complete them
- Please interrupt and ask questions
- Slide decks will be provided as PDFs
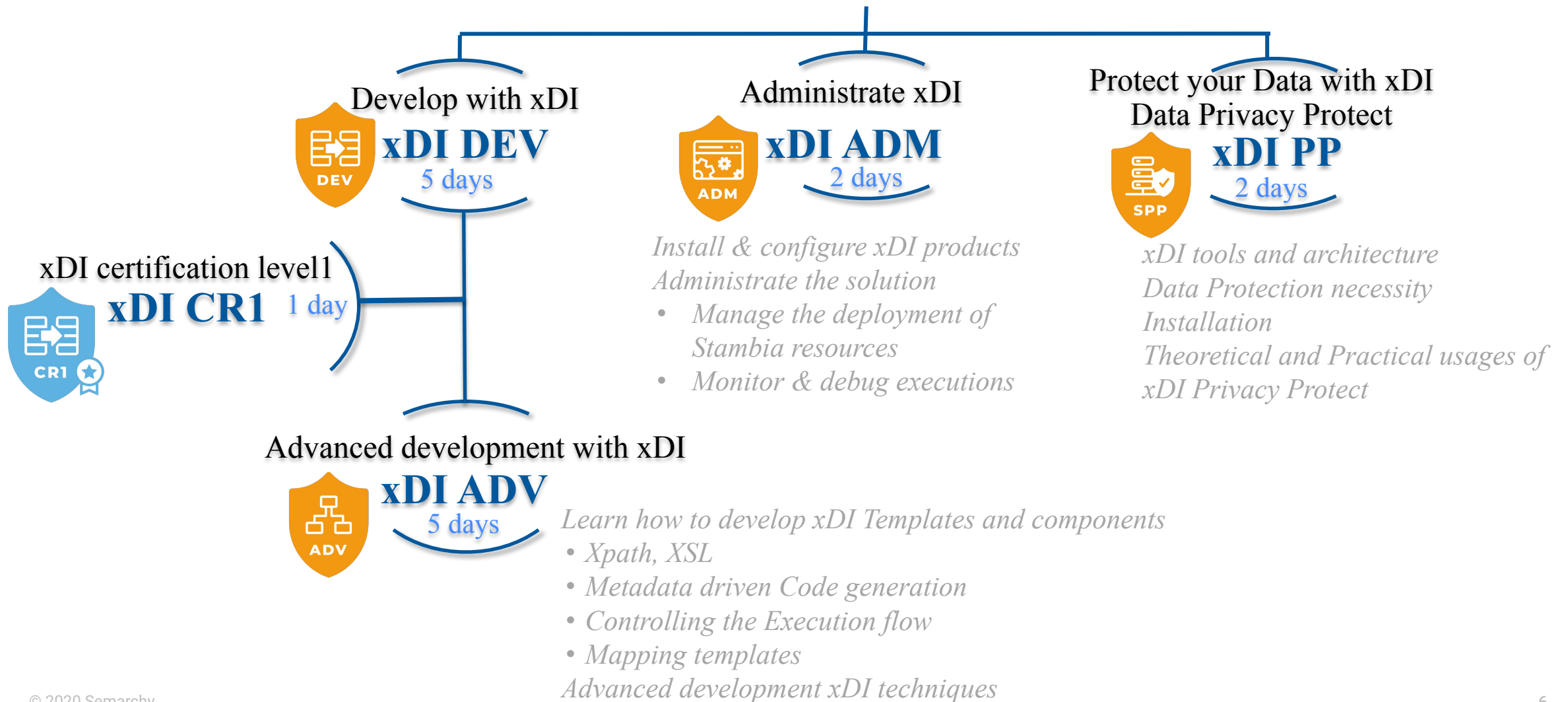- We will need breaks - what do you prefer?

Ways to prove your remote participation to the training

Three ways to prove your remote participation to the training

1. The completion of the initial presentation

2. The completion of the quiz

3. The completion of the final training evaluation

xDI Training & Certification Program

Develop with xDI
xDI DEV
5 days

Administrate xDI
xDI ADM
2 days

Install & configure xDI products
Administrate the solution
- Manage the deployment of Stambia resources
- Monitor & debug executions

Protect your Data with xDI Data Privacy Protect
xDI PP
2 days

xDI tools and architecture
Data Protection necessity
Installation
Theoretical and Practical usages of xDI Privacy Protect

xDI certification level1
xDI CR1   1 day

Advanced development with xDI
xDI ADV
5 days

Learn how to develop xDI Templates and components
- Xpath, XSL
- Metadata driven Code generation
- Controlling the Execution flow
- Mapping templates
Advanced development xDI techniques

Training content

A   - Introduction

B   - Metadata and mapping

C   - Delving into Mapping

D   - Process

E   - Hierarchical files

F   - Web Services

G   - Variable Metadata

H   - Deployment

I   - xDI Analytics

J   - Other topics

Detailed training plan

A - [Introduce xDI](#)

1. xDI introduction
2. Installation, demonstration & practical part

B - [Metadata & Mapping](#)

1. Metadatas, Mappings & tutorial
2. Feedback on first mappings

C - [Delving into Mapping](#)

1. Go deeper in the Mappings
2. Feedback on Mapping deepening

D - [Process](#)

1. Introduce Process
2. Variables, scripting & xPath

E - [Hierarchical Files](#)

1. Flat file, Xml & Json Metadatas
2. Read hierarchical files
3. Write hierarchical files

F- [Web Services](#)

1. Principles & Metadata
2. Invoke Web Services
3. Publish Web Services

G - [Variable Metadata](#)

1. Variable Metadata
2. Usage in mapping & process

H - [Deployment](#)

1. Concepts and use in xDI
2. Command Line & Scripting

I - [xDI Analytics](#)

1. Administration
2. Deployment
3. Session Reporting
4. Further functions

J - [Other topics](#)

1. Documentation
2. Sub Metadata & Object selection
3. Component
4. Module
5. Support
6. Exercises library