



Software Development Methods

Our main objective

Learn about concepts and techniques for collaborative development of large and complex software systems

Carlos Kavka

Dario Campagna





Software Development Methods

Part 1 – Java language



Carlos Kavka

Head of Research and Development

The Java programming language

What

Introduction to the language

Emphasis on functional programming

Software development lifecycle

Best practices in software development
and code testing

How

Interactive online lectures

Exercises at home and in class

Demos





Software Development Methods – Part 2



Dario Campagna

Senior Researcher and Agile Coach

Agile Technical Practices

What

Agile Software Development

Test Driven Development

Refactoring

Continuous Integration

How

Interactive online lectures

Videos

Exercises



Final Exam

Group project and presentation.

- Group of 2-5 people
- Project proposed by us or selected by you
- Apply concepts, ideas and practices presented during the course
- Present your results and answer our questions
- See [Moodle](#) for detailed instructions

