

Domain-Driven Design Workshop

From Strategy to Code

Too many software projects fail to deliver, for lack of understanding of the problem, of the domain and of the context constraints. Domain-Driven Design provides unique tools that help building the best software in high complexity scenarios.

Program

Day 1

- **Domain-Driven Design** quick intro and state of the art.
- **Strategic DDD**: the big picture. When and where to apply Domain-Driven Design. Core Domain and subdomains. Strategic choices: in-house vs outsourcing, make or buy, where quality does matter and how to achieve it.
- **Brownfield Context Mapping**: reading the scenario and finding the best viable options for collaboration and doing our best. Context Mapping Patterns.
- **Core Domain Strategies**: managing collaboration, DDD as an approach to software development, ubiquitous language and *Whirlpool* model.

Day 2

- **Greenfield Context Mapping**: Strategies for growing complexity model. Why data-based integration *is* a bad idea. Managing multiple models.
- **DDD architectures**. DDD *by-the-book*, Event Sourcing e CQRS.
- **Event Driven Modeling**: implementing our model *outside-in*. Patterns for building a *Domain Events* based system. *Event Storming*.

Day 3

- **Aggregates**: Boundaries and implementation strategies. Polyglot persistence.
- **Supple Design**: patterns for an evolution-oriented domain model.

- **Testing DDD applications**. Ubiquitous language in testing: Behavior Driven Development ed Acceptance Test Driven Development.
- **Technical frameworks**. Use and abuse in DDD scenarios.
- **Q & A**: *topic marketplace*. No key question will remain unanswered.

Structure

The class includes games, brainstorming, team modeling and coding session as well as open discussions.

Goals

Participants will be able to choose *when*, *where* and *how* to implement Domain-Driven Design in their own scenario and to implement significantly better models *faster* for their domains.

Trainer



Alberto Brandolini is an IT Professional compulsively obsessed with the need to see things from a different perspective, from coding to management and leadership. He authored many classes and articles and is a Domain-Driven Design **certified trainer**.

He's also founder or the italian DDD community **DDD-IT**, of the **Italian Stoos Satellite** and of the **Italian Limited WiP Society**.