
SOFTO₂ CONSULTING AND TRAINING

Agile Service Offerings

for medium to large-sized enterprises



[softO₂.com/agile](https://softO2.com/agile)

SoftO2 company profile | quick facts

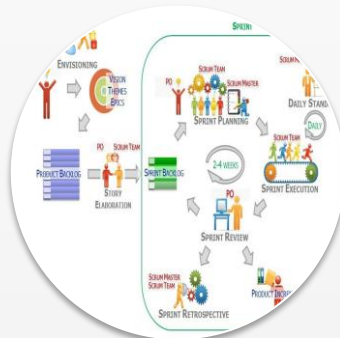
Mission	"Create software engineering effectiveness and skills for our clients as a means to impact the business bottom line; by releasing high-quality software faster, by maximizing people performance, and by enabling innovation."
History	Founded in 2001 (Canada)
Team	12 experts with 10+ yrs experience each; all members work as both consultant and trainer
Clients	50+ organizations in 10+ countries
Agile track record	Guided 50+ teams with agile migrations since 2004; complete portfolio of agile courses for teams and specialists



ADVICE

strategize & plan

- to select agile practices and tools
- to strategize and plan the migration



TRAINING

learn & get ready

- to prepare the agile team
- to build agile skills for specific roles



COACHING

execute & review

- to apply skills in real-life projects
- to guarantee agile effectiveness

for multiple projects, cross-functional and distributed teams

- Focus: **strategize & plan**
- SoftO2 added value and deliverables
 - ▶ Analysis of needs, objectives, project and resources
 - ▶ Management seminar about agile adoption
see also: <http://www.softo2.com/education/catalog/S20.htm>
 - ▶ Selected agile methods, optimal best practices and tools
 - ▶ Migration execution plan

- Focus: learn & get ready
- SoftO2 added value and deliverables
 - ▶ Onsite instructor-led training for teams and specialists
 - customizable, interactive workshop format
 - exercises and simulations with client's cases
 - post-training "ask-the-expert" supportsee also: <http://www.softo2.com/education/onsite/>
 - ▶ Alternative training services
 - Public training (fixed outline, prescheduled)see also: <http://www.softo2.com/education/public/>
 - Courseware licensing (material for trainers)see also: <http://www.softo2.com/education/licensing/>





code	course	dur.	audience
S20	Agile Adoption & Migration Strategies	1d	executives, managers (mentoring)
S22	Agile Development with Scrum for Teams	3d	team
S27	Agile Development with Visual Studio/MSF	3d	team
B30	Agile Product Management for Product Owners	2d	product owners
R20	Agile Requirements Modeling	2d	business analysts
Q20	Agile Quality Assurance	3d	QAs, testers
T30	Agile Software Testing	2d	QAs, testers, developers
P20	Agile Project Management for Scrum Masters	2d	project mgrs/leads, dev mgrs/leads
P25	Agile Estimating and Planning	2d	project mgrs/leads, dev mgrs/leads

see also: <http://www.softo2.com/education/catalog/>

note: duration values could be different in case the course is customized or combined with another course

- Focus: **execute & review**
- SoftO₂ added value and deliverables
 - ▶ Onsite and remote guidance during adoption period
 - ▶ Design and documentation of practices and templates
 - ▶ Configuration of tools
 - ▶ Guaranteed process effectiveness



SoftO2 differentiation | for agile offerings

- **8 years of hands-on** agile project experience and a proven track record in helping teams transition to agile
- Our service goes beyond training: we **also offer advice and coaching**, which are key for agile adoption in large organizations
- Our trainers are **active consultants**; they therefore conduct training with real-life cases and simulations
- We possess the expertise and experience to implement **customized agile** methods (50+% of our clients apply this)
- We work worldwide and have experience in **harmonizing new changes** with a given cultural setting

SoftO2 experience | some of our medium & large clients

AON

KASPERSKY lab

Autodesk®



SUNGARD®

SITA



Parallels™



THALES

TALISMA

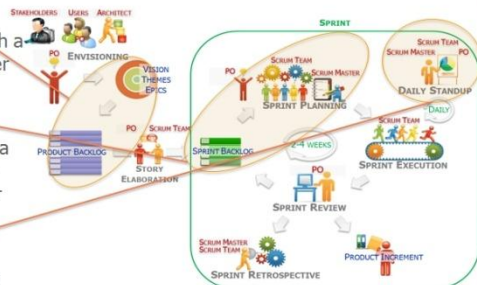
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Agile planning levels

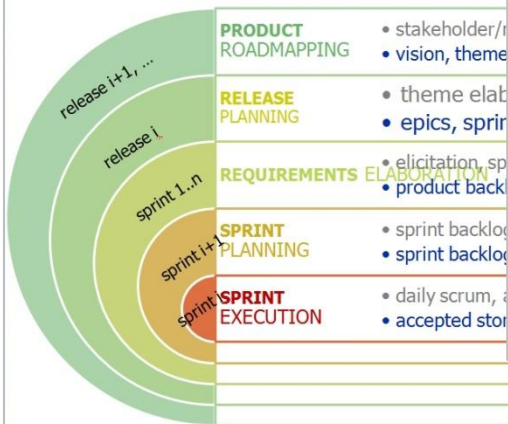
Agile/scrum planning happens at 3 levels

- ▶ **At release level**
 - Product Backlog with a list of prioritized user stories
- ▶ **At iteration level**
 - Sprint Backlog with a list of selected user stories and tasks for the Sprint
- ▶ **At daily level**
 - Commitments made during the Daily Meeting



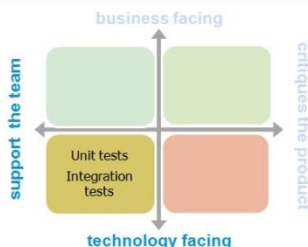
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Envisioning framework – the agile



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Technology facing tests that support the



- ▶ Why?
 - ▶ immediate feedback on code quality
 - ▶ supports refactoring
 - ▶ base of test automation undertaking (see Cohn's test automation pyramid)
- ▶ What?
 - ▶ unit test
 - ▶ integration tests

COLLABORATION

- developers

AUTOMATED

- mocking tools
- build/CI/CM tools
- unit test tools

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Module 8: Agile Quality Assurance and Testing - #107

Module 3: Envisioning and the Product Owner - #37

Module 9: Agile Project Management

- ▶ Scrum and management
- ▶ Status reporting
- ▶ Sprint review agenda
- ▶ Sprint retro agenda
- ▶ Recovery, when things go wrong
- ▶ Scaling agile projects

Modules

1. Fundamentals of Agile
2. Agile Development Life Cycle
3. Roles and Responsibilities
4. Agile Requirements
5. Agile Planning
6. Agile Design
7. Agile Construction
8. Agile QA & Testing
9. Agile Project Management
10. Agile Environment & Tools



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Agile Software Development Overview For Teams

TRAINER - CONTACT
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SLIDES, TEMPLATES, TRAINING NOTES

- Instruction slides - pdf with selected softcopies
- 12 agile key principles - list
- Scrum life cycle - graph
- Sprint planning agenda - template in xls; pdf
- Sprint review agenda - template in xls; pdf
- Sprint retrospective agenda - template in xls; pdf
- Stakeholders - flipchart from training
- Communication mechanisms - flipchart from training
- Definition of Done (DoD) - flipchart from training
- Test coverage strategy - flipchart from training

SITES AND ARTICLES

- agile manifesto
- Center of Chaos - Schwaber's company resource site for Scrum
- theagilelab - nice agile blogs
- overview of agile methodologies in dev
- Scott Ambler's site - good resources for modeling and design
- Mountain Goat Software - with interesting agile/scrum resources
- daily - agile articles
- User stories - excellent overview by Alistair Cockburn
- MP agile - Microsoft's agile approach
- Structuring use cases with goals - Cockburn
- System Use Cases - example
- Traceability from Use Cases to Test Cases - IBM
- 10 Requirements Traps to Avoid - Wiggins
- Writing Effective Use Cases Example - GatherSpace

BOOKS

- Agile Software Development with Scrum - Ken Schwaber
- User Stories applied - Mike Cohn
- Agile Project Management - Jim Highsmith
- Agile Estimating and Planning - Mike Cohn
- Practices of an Agile Developer - Venkat Subramaniam and Andy Hunt
- Agile Testing - Crispin Gregory

TOOLS

- Atlassian Jira and Confluence - tracking and content management
- Twinkl - content management
- VersionOne - agile project life cycle management tool
- Rally - agile project life cycle management tool
- Microsoft Visual Studio Team System - team environment for MP Agile and Scrum
- Scrum for Team System - add-in for MPVS Team System (Conchango)
- JetBrains - IntelliJ IDEA refactoring tool with overview of refactorings
- CruxControl - tool for continuous integration
- FitNesse - acceptance test framework
- NUnit - unit test framework



Additional information

- www.softo2.com

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SoftO2 and agile
advice and coaching
training
complete client list