

# IT College(Testing)

## Lesson 1

Exigen Services,  
St. Petersburg, 2011



- Евгений Лукогорский
- Test Lead
- Specialist in Automation testing
- Преподаватель IT College



# Про тренеров

- Ольга Зубарева
- Test Lead
- Specialist in Manual testing
- Преподаватель IT College



# Давайте знакомиться ☺

- Имя
- Чем занимаетесь
- Как видите себя в команде
- Чего ожидаете



# School Program

- Software development process
- Testing process
- Testing theory
- Test design techniques
- Test cases design and creation
- Defect life cycle
- Test automation
  
- Practice:
  - Web based application (TC, automation)
  - Win forms application (TC, defects)



# Schedule

- About 15 lessons
- Tuesday 18:00 – 20:00
- Thursday 18:00 – 20:00
- Theoretical test
- Final interview



# About Exigen Services

- Exigen Services — мультинациональная компания, занимающаяся **оффшорной** разработкой программного обеспечения
- Штаб-квартира - Сан-Франциско (США)
- Офисы и центры разработки ПО - Нью-Йорк, Сан Франциско, Лондон, Франкфурт, Аделаида, Рига, Вильнюс, **Санкт-Петербурге**, Казань, Нижний Новгород, Днепропетровск, Одесса, Минск, Суджоу
- Exigen Services специализируется на разработке различных бизнес-приложений и веб-решений, осуществляет поддержку программных продуктов и систем, миграцию на новые технологические платформы, а также оказывает услуги по тестированию ПО.

# Our customers



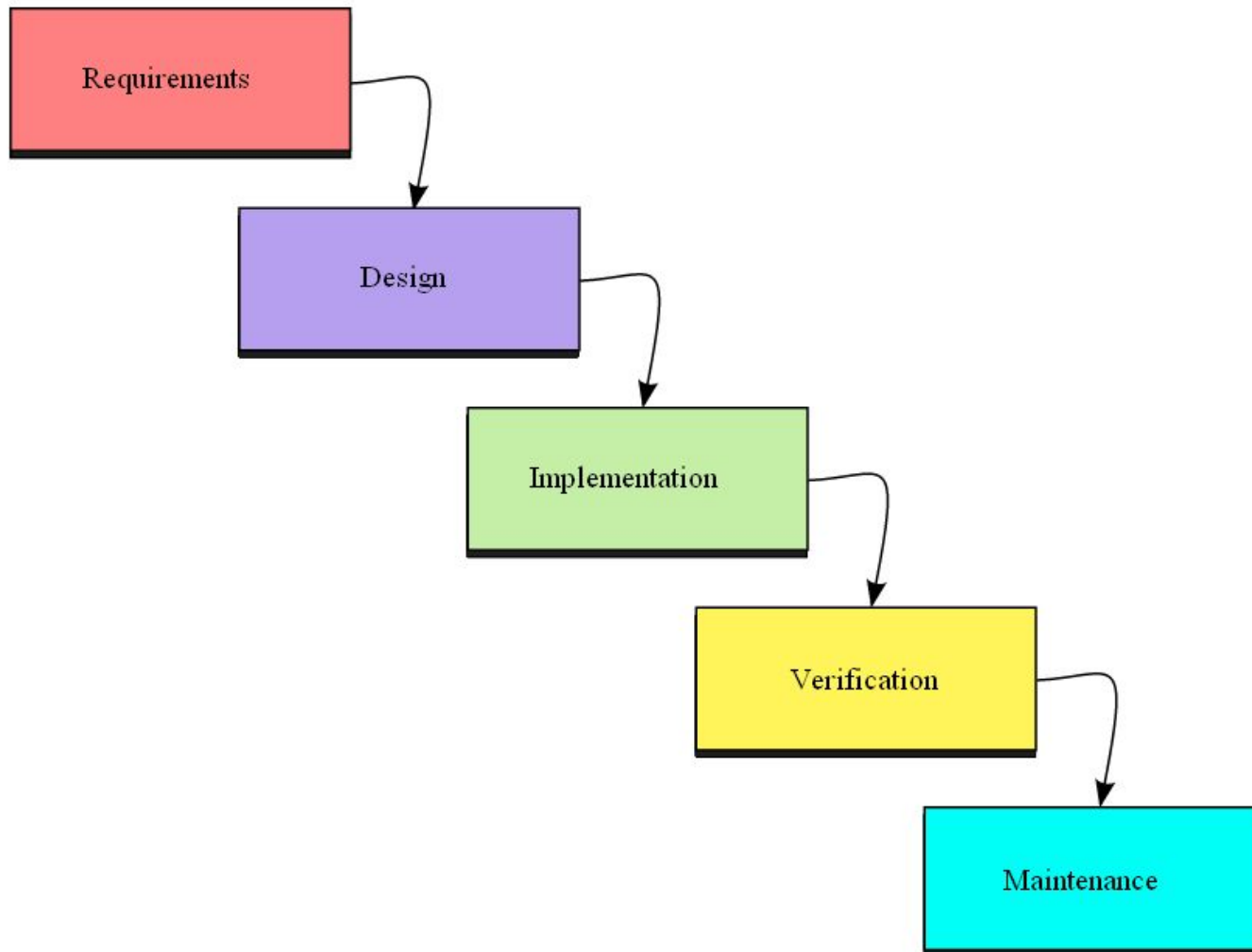


# Software development: models

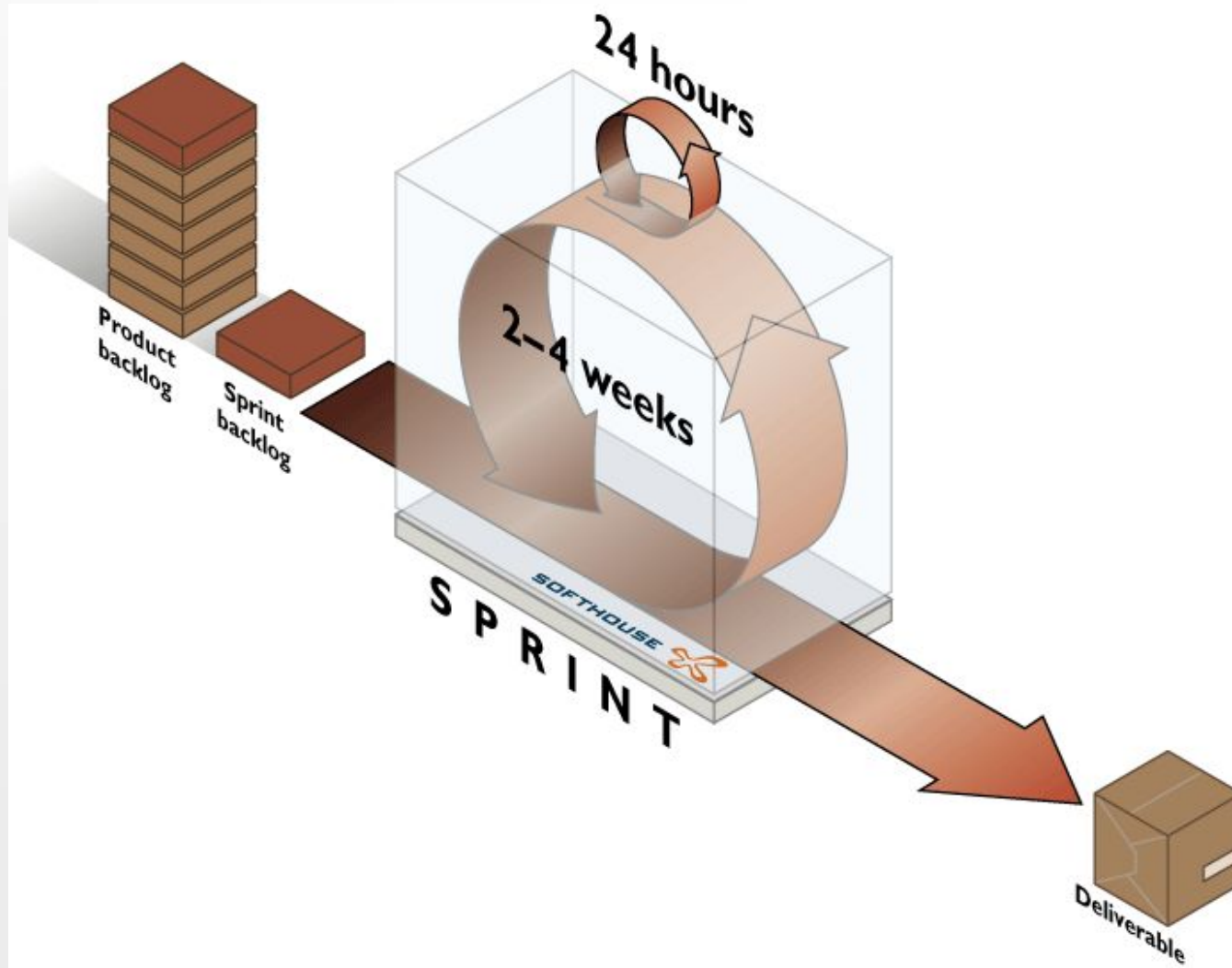
- Waterfall
- Agile
- RUP
- V-model
- ...



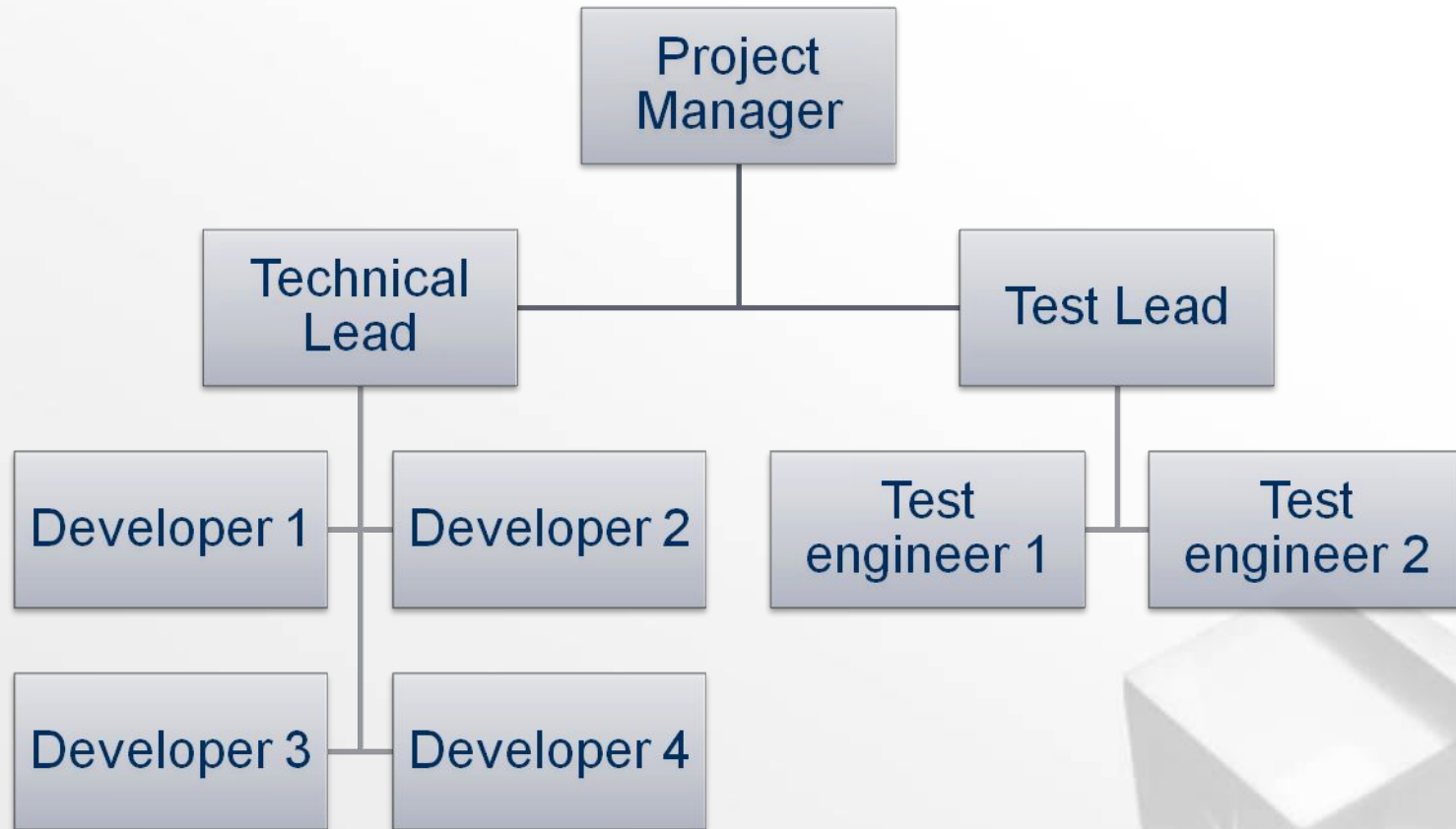
# Waterfall model



# Agile (Scrum, Extreme programming)



# Typical team structure example



# Project roles

- Project manager
- Technical lead
- Developer
- Test lead
- Test engineer (QC)
- SQA
- Supervisor



# Test Lead - responsibilities

- Estimates and plans test process.
- Creates and maintains Test Plan and test process documentation.
- Supervises Testers.
- Organizes of efficient cooperation between developers and testers within project team.
- Reviews and tracks test tasks
- Evaluates test results\test status.
- Tracks issues via the defect tracking database.
- Collects Product Metrics.
- Participates in the all project's meetings.
- Reports test results to appropriate project team members



# Test engineer - responsibilities

- Participates in project's meetings
- Estimates and plans test tasks
- Designs and creates test cases (fills the Test Matrix)
- Executes tests, reports bugs (as they are discovered) and verifies fixed bugs
- Tracks issues to closure in the defects tracking DB
- Designs and creates automation test scenarios in case of need
- Creates automation scripts in case of need
- Performs load/stress/performance/usability/security testing in case of need
- Evaluates and reports test results and communicates any test-related problems to Test Lead



# Questions

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