

CROSSTALK

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Scrum Basics

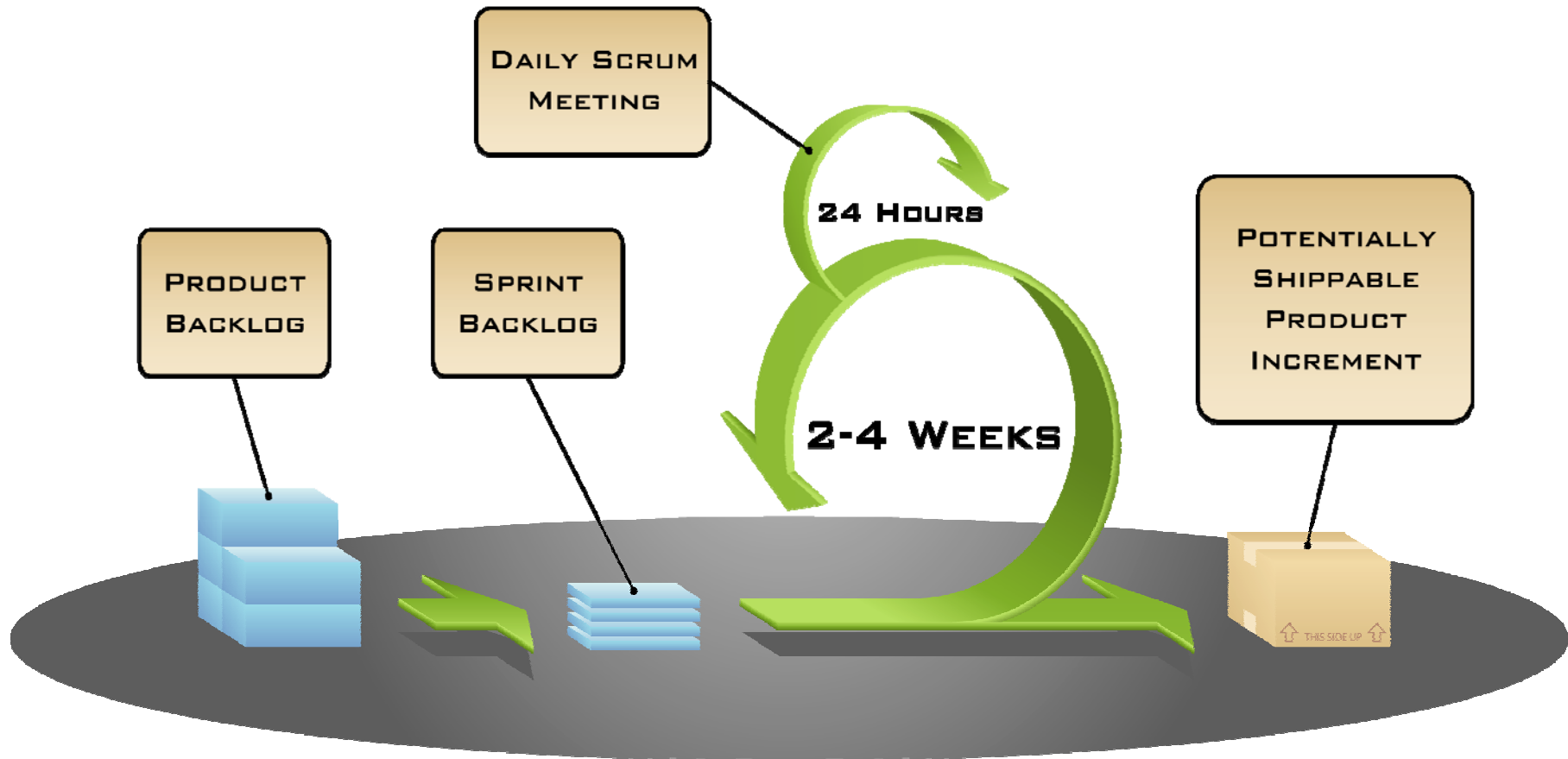
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Deep Agile
SOFTWARE DEVELOPMENT

AGILE
DEVELOPMENT

Scrum Process



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3 Key Roles

■ **Product Owner**

- Empowered Voice of the Customer / Management Team
- Owns Requirements, Priority & ROI

■ **Development Team**

- The Do-ers – Creating Business Value
- Self-Organizing – Self-Managing

■ **ScrumMaster**

- Scrum Process Owner
- Facilitates Process Improvement
- Protector of the Team

3 Key Meetings

■ **Sprint Start**

- Sprint Planning
Estimate and Commit to top priority Stories

■ **Running**

- Daily Scrum – Stand-Up – 15 minutes
 - What I Did Yesterday
 - What I Will do today
 - Impediments to productivity

■ **Sprint End**

- Sprint Demo and Review
- Retrospective

3 Key Artifacts

- **Product Backlog** - Requirements
 - User Stories – an invitation to a conversation
 - Prioritized – by value and risk
 - Estimated – sized in Story Points
- **Sprint Backlog** – Task Board
 - Stories, CoS, and Task Cards
- **Sprint Burndown Chart**
- Plus - Impediments being worked & by whom

Information Radiators

Continuous, Transparent Reporting

■ Project / Team

- Vision & Mission
- Constraints & Scope
- Dependencies
- Team Rules

■ Sprint

- Product Backlog -- Prioritized – Sized in points
- Sprint Backlog: Stories, CoS, and Task Cards
- Sprint Burndown Chart
- Impediments being worked – by whom

Planning a Sprint

- **Development Team**
- **Sprint Backlog**
 - **Stories to Tasks**
 - **Estimating Tasks**
 - **Done – a High Standard**
 - **Committing – for real!**

Development Team

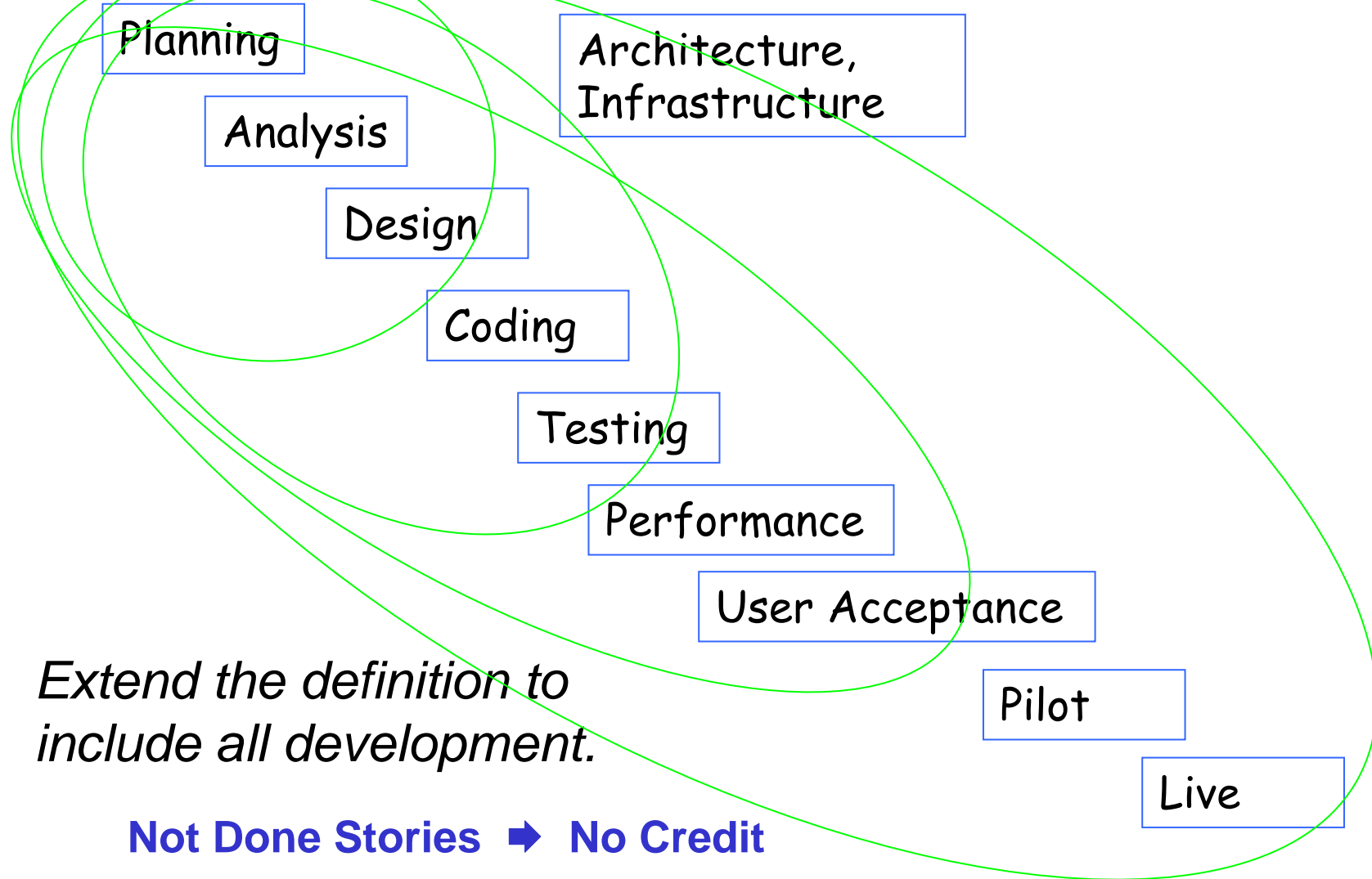
- Cross Functional – have skills, not roles
- The team wins or loses together
- Self-Organizing – Self-Managing
- Authority to do what ever is necessary to meet commitments
- Access to Product Owner (PO) for rapid answers as questions arise
- Seven people \pm 2
- Collocated in Open Space for fast, thorough communication
- Sustainable pace



Team Responsibilities

- Estimate work
- Commit to Stories for each Sprint
- Renegotiate with PO as necessary
- Continuously: Analyze, Design, Build, Test, Document – not a mini-waterfall
- Support others on team – whatever it takes
- Track and Radiate Information
- Inspect and Adapt - Self-Manage
- Know what DONE means ! ?
- Earn and Give Trust

Done ? Scope Changes



Sprint Backlog

Sprint - A Unit of Commitment

- Team Responsibility:
 - Estimate work
 - Commit to Stories for each Sprint
 - Work to commitments & learn
- User Story – “an invitation to a conversation”
- Sprint Planning Meeting
 - Conversation about Top Priority Stories
 - Understand, Select, Size & Commit
 - Populate a Sprint Task Board