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Globalizing Agile Development

Paul Hodgetts
Agile Coach, CEO Agile Logic

www.softserveinc.com 

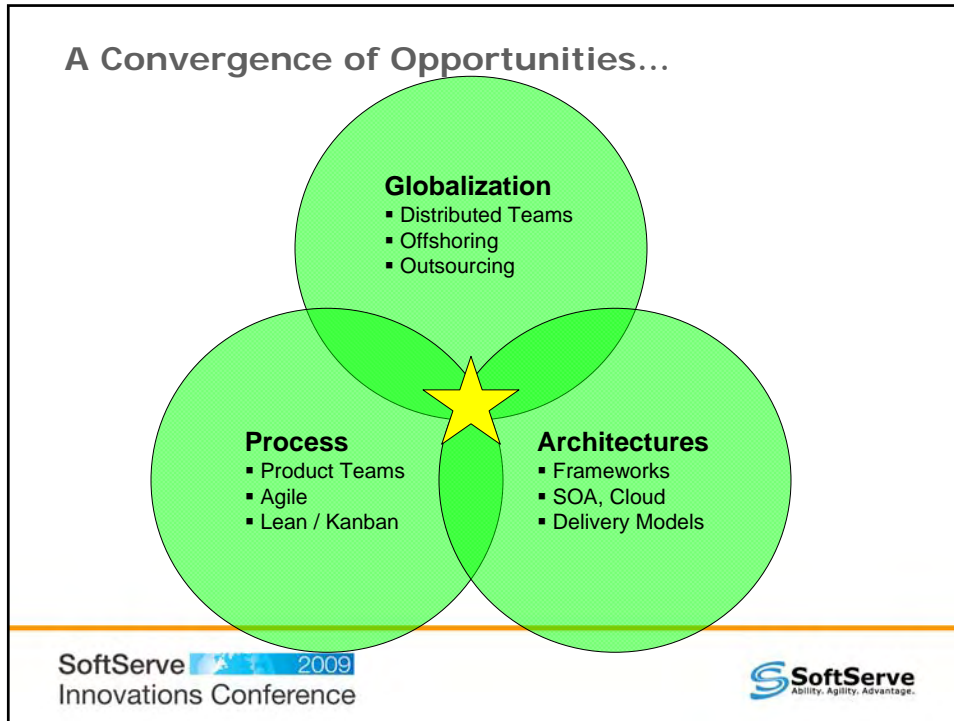
Your Speaker: Paul Hodgetts

- Agile coach, trainer, consultant, developer
- Founder and CEO of Agile Logic (Fullerton, CA)
- 26 years overall, 10 years agile experience
- Certified Scrum Trainer
- Extensive “enterprise agile” experience
- Clients: Microsoft, Yahoo!, SAP, Cisco and PricewaterhouseCoopers
- Author, Speaker (Agile 200x, SD East/West, JavaOne)
- Active in Scrum Alliance, Agile Alliance (Program Director)
- Contact info: www.agilelogic.com phodgetts@agilelogic.com




Deliver Better Software Faster

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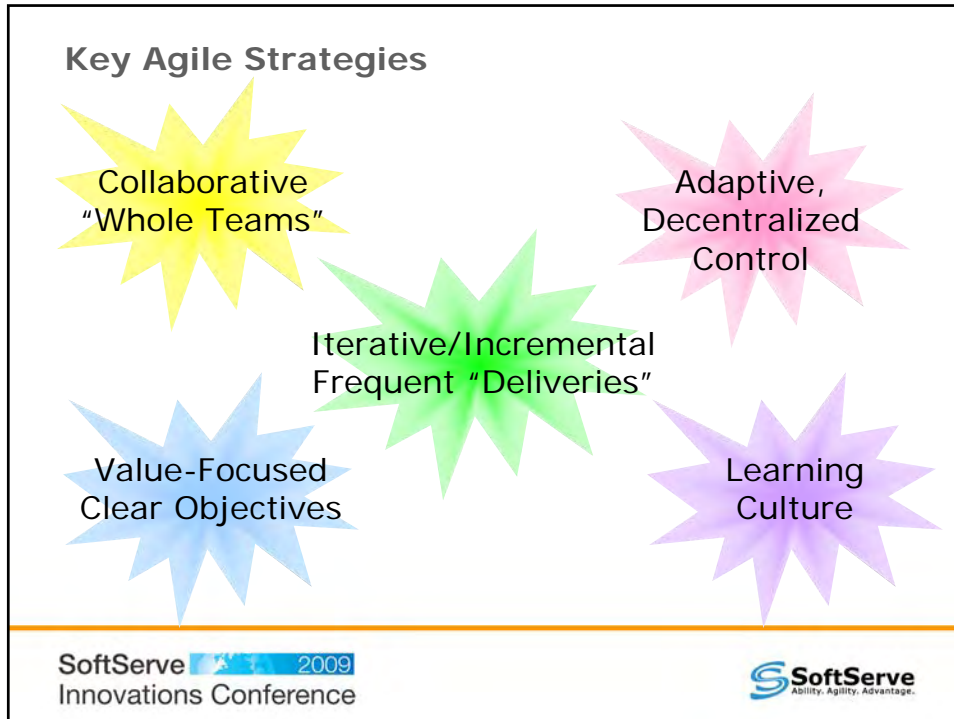



Globalization and Agile/Lean Processes

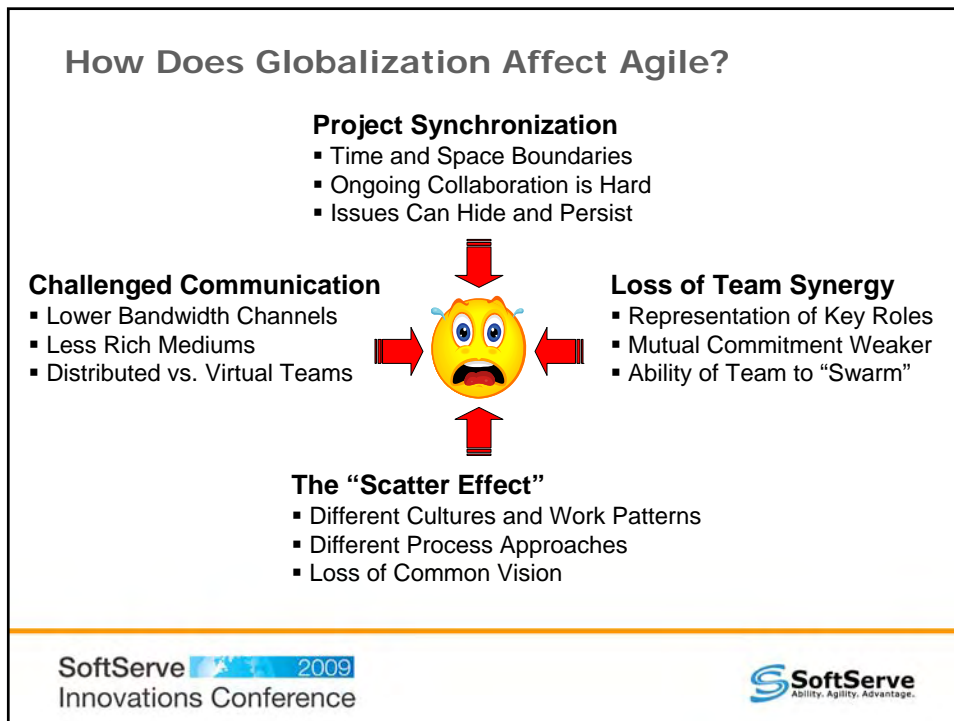
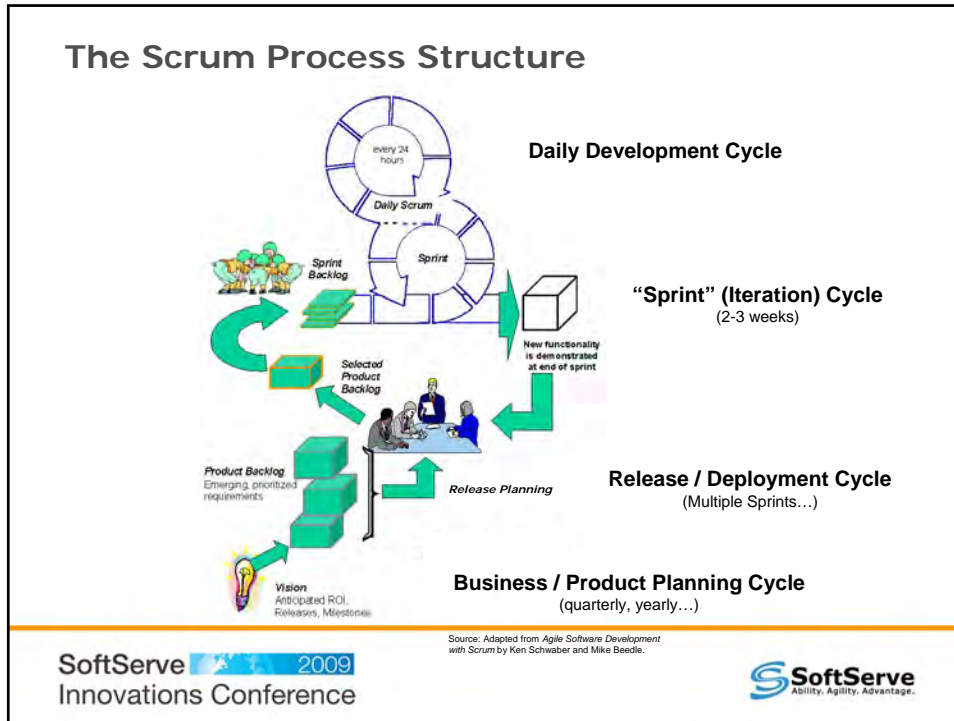
Target Benefits of Globalization	Target Benefits of Agile/Lean
<ul style="list-style-type: none">▪ Lower Labor Costs▪ Access to Larger Talent Pool▪ Ability to Implement 24-Hour Development▪ Ability to Quickly Adjust Resources	<ul style="list-style-type: none">▪ Shorter Release Cycles<ul style="list-style-type: none">▪ Faster Time to Market▪ Ability to Respond to Change▪ Better Software<ul style="list-style-type: none">▪ Higher Quality▪ Alignment with Customer Needs▪ Higher Productivity<ul style="list-style-type: none">▪ More Effective Teams▪ More Energized Environment<ul style="list-style-type: none">▪ Recapture Entrepreneurial Spirit

Gratuitous Clip Art

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- ### The World of Agile Methods
- 
- Scrum
 - Extreme Programming (XP)
 - Crystal, DSDM, Agile Modeling, Agile Data...
 - Lean Software Development
 - Kanban, ScrumBan, Flow-Driven Development
 - MSF Agile, Agile UP/RUP, OpenUP
 - Agile Alliance (2001), Scrum Alliance (2005)
- SoftServe 2009 Innovations Conference
- SoftServe Ability. Agility. Advantage.



Top 5 Recommendation for Global Agile...

1. Your Agile Process Must Be Very Good

- Globalization will stress & break weak agile implementations
- Can't stop with basic Scrum
 - Must implement agile disciplinary practices
 - XP-style engineering practices, testing practices, etc.
- Start with co-located pilot projects to solidify process
 - Incrementally add distributed, scaling, complexity
- Ensure there are experienced agile mentors at each location

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Top 5 Recommendation for Global Agile...

2. Ensure Whole Teams

- Favor distributed teams over virtual teams
- Provide capabilities for all key roles at all locations
 - Consistent roles and responsibilities across locations
 - Team skills must be sufficient and roughly equivalent
 - Use Ambassadors where equivalent staffing not feasible
- Cultivate cooperative, not competitive teams
 - Watch for regional cultural differences and adjust
- Watch team sizes – distribution stresses larger teams

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Top 5 Recommendation for Global Agile...

3. Facilitate Excellent Collaboration

- Value and reward collaborative work
- Build a really great collaborative environment
 - Invest in communication tools and technologies
 - Develop practices and techniques for distributed meetings
- Use the agile practices a framework for collaboration
 - Resist the urge to relax participation in activities

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Top 5 Recommendation for Global Agile...

4. Foster a Common & Consistent Vision

- Implement co-located events at key junctures
 - Begin release cycles with co-located sprints
 - Emphasize team-building during co-located time
 - Use Ambassadors or visiting team members
- Ensure all team members can articulate the product vision
- Shared architectural vision is crucial
 - Good modular designs, consistent refactoring
- Implement consistent tools & process at all locations

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Top 5 Recommendation for Global Agile...

5. Implement Fool-Proof Synchronization

- Don't skimp on daily synchronization (Daily Scrums)
 - It can be hard – invest in figuring it out
 - Provide a very good distributed meeting environment
 - Implement “Scrum of Scrums” with Ambassadors if needed
- Implement a full Continuous Integration environment
 - Ensure sound configuration management
 - Implement automated build / deploy / test capabilities
 - Testing “safety net” must be very good
- Address issues very quickly
 - Debt build-up has exponential effect on distributed teams

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Globalized Agile

Globalized Agile Development Can Be Hard

- Have to be on top of our agile game
- Key issues can be challenging
- It takes time to mature the process



It's a Solvable Challenge

- Success stories – Cisco, SAP, Kelley Blue Book, Sage
- Systematically build up the capabilities
- Partners with experience are valuable

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