



BANGALORE MANAGEMENT ASSOCIATION

60 *Setting trends in management*
Years



Workshop On

Best Practices in Agile Software Development

July 13, 2012

*Venue: Garden-side Hall, Hotel Taj Gateway,
Residency Road, Bangalore 560025*

Management Development Programs – IT Subcommittee

Bangalore Management Association

B-207, Blue Cross Chambers,

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Abstract:

Agile processes are lightweight processes used to develop software rapidly, iteratively, and incrementally with sufficient, but no more than sufficient, overhead.

Agile methodology is an approach to project management, used in software development, and helps teams respond to the unpredictability of building software through incremental, iterative sprints.

There are many specific agile development methods such as Extreme Programming (XP), Crystal Clear, Adaptive Software Development, Feature Driven Development, Scrum, etc. Most promote development, teamwork, collaboration, and process adaptability throughout the life-cycle of the project. Some unique aspects of Agile projects include: Iterative Development methodology, Continuous Validation to produce an increment at the end of each iteration, dynamic Project Management and Teaming practices, Process Best Practices to take agile to next level, Tooling to automate in agile environment.

Main Objectives of the Workshop:

The workshop aims to address following aspects of Agile Development

- ❖ Best practices in Agile Development projects
- ❖ Continuous Validation in Agile Development
- ❖ Project management and teaming for success of agile projects
- ❖ Process best Practices, and tooling for automation in agile environment

Delegate Profile:

The program would benefit IT industry members (Delivery Managers, Project managers, testers, Quality Managers) practicing/wanting to practice agile development methods and would enable learning through best practices sharing. Delegate profile include

Fee & Registration:

A fee of Rs 3000/- per participant for Corporate Delegates and Rs 2500/- per head for individuals/Delegates from Academia/Government/PSU organisation and/or BMA members is to be paid by a cheque drawn in favour of “**Bangalore Management Association**” to cover the costs, along with attached registration form. A discount of 15% would be offered in case of 3 or more nominations from same organization. Registration can be made by phone/fax/email but will be confirmed upon receipt of participation fee.

Workshop Agenda:

9:00 am – 9:30 am Registration

9:30 am – 10:00 am Inaugural session, Chief Guest – Dr Anant Koppar,

10:00 am – 10:45 am Best Practices in Agile Development & a Case Study of Embedded Systems Development

Speaker: Bahubali V Shete; Executive Director & CTO, Galaxy Intelligentia

Abstract: Agile methodology provides many opportunities to assess the direction of project throughout SDLC through regular cadences of work (sprints). End of each sprint represents a shippable increment of work, which incorporates elements of “iterative” and “incremental” development in agile.

If executed correctly and adopted correctly it brings in great productivity and agility in the project and client team. Wrong adoption of Agile on the other hand can be disastrous and very soon project teams give up Agile way of working. This session would discuss best practices in, as well as bottlenecks in adopting Agile. It would also cover tailoring guidelines to suit embedded product developments.

10:45 am – 11:15 am TEA

11:15 am – 12:00 noon Continuous Validation in Agile Development

Speaker: T Kaliraj, Sr Manager, Validation Engineering, Dell India R&D

Abstract: While there is no separate testing phase in agile projects, there can be no chance for error, since every increment produced is a shippable product. Agile projects are characterized by ongoing validation. In an agile method, each aspect of development, starting from requirements, design, is continually validated throughout the lifecycle. In this session the speaker would share his experience on best practices in agile validation with focus on validation role in Agile teams, skillset requirements, role of automated build verification and regression test suite and Lean test artifacts (Test Plan, test cases).

12:00 pm – 12:45 pm Transitioning Traditional Test Organization to Agile

Speaker: Sheenam Ohrie; COO and VP, STC – Test Engineering, SAP Labs India

Abstract: This session would share the experiences of transitioning a traditional product test organization to agile scrum based teams in order to achieve agility and effectiveness in product development. This session would focus on approach to transitioning and sharing the benefits both from a people and a business perspective. The presentation would highlight on the details about the change process definition, implementation, lessons learnt and next steps.

12:45 pm – 1:45 pm LUNCH

1:45 pm – 2:45 pm Best Practice Processes to support Agile Practices

Speakers: Kannan Natarajan, Saravanan Rajendran, Quality Mgmt Group, Tech Mahindra

Abstract: There is a myth that AGILE way of project management will dilute the requirements / expectations of CMMi (and other process) models and hence the continuity of assessments is at stake. Moreover, by following AGILE we can do away with documentation. On the contrary, it has been found that AGILE does not require a wholesale revamp of an existing QMS but can be adopted by having a structured approach that balances both. Through this session we will be able to visualize how AGILE can be deployed within an organization, the challenges that were faced, sample view of metrics collected and the improvements demonstrated. This session will summarize the learnings with inputs on “What still puzzles us?” and would highlight “Beyond Agile” best practices to mature Agile projects.

2:45 pm – 3:15 pm **TEA**

3:15 pm – 4:15 pm **Tooling to Enable Agile**

Abstract: Agile development involves close team work. One can't overemphasize need to automation and tooling aspects in making agile projects successful. Some of the key areas that are candidates for automation are Project Management, Requirements Management, Scrum Dashboard, Workflow Management, Build Management, Testing, etc. This session is about use of automation tools in agile development environment.

4:15 pm – 5:30 pm **Panel Discussion – Taking Agile Projects to Next Level**

In this 1 day workshop we deliberate on Development, Validation, Project Management & Teaming and Process best practices of agile projects. In this panel discussion, we would have key experts from these focus areas to share their experiences and offer a dialog to enable agile for your projects.

Panelists:

- Ramesh Subramanya, Global Director – Testing services, Logica
- Radhika Sokhi, Program Delivery Excellence Lead, TCS
- Ramakrishnan Lakshminarayana, Delivery Management Consultant, Sasken Communications

5:30 pm - Vote of Thanks and Closing

Bangalore Management Association

The Bangalore Management Association (BMA) is a pioneer of the management movement in India. Established in 1953, it was launched as a professional body to study and promote scientific management. As an independent, nonprofit institution, BMA provides a wide range of services aimed at enhancing managerial effectiveness. These include promotion and development of sound management practices suiting Indian conditions and to stimulate management thinking leading to excellence. The objectives of BMA are achieved through organizing seminars, workshops, conferences, training programmes, lectures, discussion meetings and research projects.

BMA Office Bearers

Dr Manje Gowda (President)	Veeranna Gowda, Immediate Past President
Dr MN Krishnamurthy (Sr VP)	V Chockalingham (VP)
S Prabhudev Aradhya (Secretary)	Mrs Renu L Rajani (Treasurer)

Workshop Organising Committee

Pradeep Oak, Chairman, IT Programs Sub-Committee, BMA Founder Director & CEO of Oak Systems



Pradeep is Founder Director and CEO of Oak Systems, a specialist Independent Software Testing Company. Pradeep has over 24 years of experience in the software industry. Pradeep has earlier worked with TCS, ANZ-IT, HP, etc. Pradeep has co-authored a book on Software Testing published by McGraw Hill in 2004.

Pradeep is also instrumental in setting up Centers of Excellence at Amruta Institute of Engineering at Bangalore, BVB Engineering college in Hubli & PDA engineering college at Gulbarga to propagate Software QA and V&V among the academicians and students.

Renu Rajani, Chairperson – MDP/Trainings Sub-Committee, BMA



Renu Rajani is Sr VP at Citigroup in Global Technologies, based out of Bangalore. Renu has overall 22 years of experience in IT and Management Consulting with global organisations. Prior to Citi, Renu was General Manager at IBM (Global Business Services & Global Technology Services), and held varied roles as Sector leader (Infrastructure Services), Service-Line leader (Testing Services), Large Account Leader (Large Banking Client). Renu has earlier worked with Satyam (Testing Services), KPMG Consulting (Supply Chain

Management).

Renu is author of book on Software Testing - Effective Methods, Tools and Techniques published by Tata McGraw Hill (ISBN: 0-07-058352-8). Renu holds an MS (Management) degree from Purdue University USA, and a BTech in Computer Science. In addition, she holds ITIL V3, CSTE, PMP, CPIM and CFA certifications. Renu is also IBM Certified Sr PM. Renu is recipient of Testing Thought Leadership award for contribution in field of Software Testing in Indian Industry in Test2008 event, instituted by PureTesting. Renu has been featured as “Women Influencers in Testing – All Stars” in Software Test and Performance Magazine. <http://www.stpcollaborative.com/knowledge/541-women-of-influence>.

Speaker Profiles

Anant Koppar, Chairman & CEO, KTwo Technology Solutions



Anant Koppar is a multi-faceted leader with around 25 years of industry experience. He has successfully worn many hats and is a recognized achiever in Academia (PMI Bangalore Chapter), Technocrat (recognized Indian IT leader), Business man, Serial Entrepreneur (Tata Elxsi, BFL, Kshema), Leader of Social Causes (Utthana Charitable Trust) and Leader of Local Industry Consortia (President BCIC).



Bahubali V. Shete, Executive Director & CTO of Galaxy Intelligentia Pvt.Ltd.

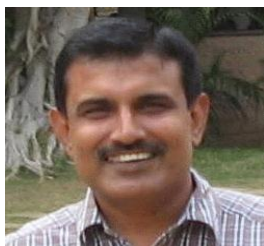
With over 20+ years of project management experience in Home and Industrial automation, Consumer Electronics and Health care domains. He has worked as an architect in product designs and has worked in the USA, Europe, Ireland with industry leaders like PHILIPS and Moog controls . He has established track record of leading large teams for successfully delivering complete product development projects in embedded storage and consumer electronics. He has wide project experience in managing projects in both Embedded as well as Enterprise software development. From past 3+ years as part of Galaxy, he has been executing projects using Agile development methodology and has seen both success and failures.



Sheenam Ohrie, COO and VP, Suite Test Engineering, SAP Labs India Pvt Ltd

Sheenam has over 20 years of experience in Software. Sheenam has earlier worked with iFlex and Business Objects with various responsibilities at technical and managerial level. In her current role as the COO, her responsibilities include developing the vision and business plan for the group, ensuring successful execution of its strategy, enabling engagement of the Test Centre with external customers and partners, in addition to managing group finances and operational control.

Sheenam holds a Bachelor's degree in Electronics & Communication from UVCE (University Visveswaraya College of Engineering), Bangalore. Her interests lie in mentoring and coaching young talent, contributing to social causes, watching movies and travelling to new destinations.



Kannan Natarajan, Sr Quality Consultant, TechMahindra

Kannan is a result oriented practitioner of Quality with an overall 20+ years of experience of which the last 10+ years have been in IT industry implementing QMS conforming to CMMI and ISO standards. He has been an Assessment Team Member for both SEI-CMM Level 5 and SEI-CMMi (V1.3) L5 assessments. He is CSQA certified. He has implementation and institutionalization experience in SEI CMM, CMMi, TMMi, ISO 9001 / 20000 / 27001 standards. He has also handled process improvement for support teams and has conducted sessions on estimation.



Saravanan R, Sr Quality Consultant, TechMahindra

Saravanan had over 12 years experience implementing QMS conforming to CMMI L5, ISO 9001:2000 & ISO 20000. He is a certified PMP and CSQA. He is a qualified Lead Auditor for ISO 9001:2000. He has facilitated more than 25 organizations in achieving ISO 9001:2000 certification and has also implemented TS16949 for a manufacturing firm.



Ramesh Subramanya, Global Director - Testing services at Logica

Ramesh has more than 22 years of Experience in Quality assurance, Software Testing and Software program management, with ISO and SW-CMM/CMMI implementation credentials and vast professional and technical skills. Ramesh Heads Logica Outsourcing Testing Practice where he regularly interacts with CXOs, leaders, partners, analysts and testing industry Leaders on wide-ranging subjects like

World Class Test Center /Outsourcing challenges, best practices and development of cutting-edge testing methods and Processes. Ramesh has unique experience of setting up Global Test Factory with Dedicated and Shared Services defining strategy, governance plan, establishing core delivery leadership team and consolidation of delivery working with various groups & stakeholders. Test Factory is not only driving operational efficiency but turning out to be strategic asset to the Customer Specialities includes Strategy, Innovation, Benchmarking.

T Kaliraj, Senior Manager, Validation Engineering, Dell

Kaliraj has overall 18 years of IT industry experience. He has finished his BE from Madras university and MBA from Sikkim Manipal. He has completed his Executive General Management certification from IIM Bangalore. Kaliraj currently handles the Systems and Storage Management software. Kaliraj has been practicing agile for the last 4 years and is responsible for setting up validation model for Agile. He is Certified Scrum Master and have presented papers in STEP-in Forum Bangalore and Hyderabad.



Radhika Sokhi, Global DEG & NEST Program Delivery Excellence Lead, TCS

Radhika has over 22yrs experience and is a member of the Core Delivery Excellence group in TCS. Her expertise includes designing, deploying, improving, assessing processes and associated digitisation to meet business needs, managing change associated with new process improvement initiatives. Harvesting TCS best practices and leveraging frameworks such as Agile, IEEE, CMMI DEV, SVC, SWCMM, PCMM, Tata Business Excellence Model (based on MBNQA), ISO 9001, ISO 20000. She is a Six Sigma practitioner, SW CMM lead assessor, ATM for enterprise-wide appraisals for CMMI SVC, DEV, SW CMM and PCMM. She has led the SW CMM initiative for TCS. Consulted in CMMI and Agile based process improvement, Managed multiple IT projects and currently consulting with a large multi service line program.



Ramakrishnan Lakshminarayana, Management Consultant, Sasken Communications

Ramakrishnan is a Software industry professional and business leader focusing on Engineering Delivery Management and Operations. He has a proven track record of achieving business results in software services and product industries in both India and USA, playing senior management roles. He is currently a Management Consultant at Sasken Communication Technologies, as a key player in the creation of Project Management Academy, an internal coaching organization impacting more than 400 managers in the past 2 years. The training and coaching involves both traditional project management as well as Agile methods particularly SCRUM.

Ramakrishnan is also an entrepreneur promoting a new start-up specializing in Project Management Competency development. Ramakrishnan holds a Master of Project Management degree from Keller Graduate School of Management, USA; Master Degree in Electronics & Communications from Indian Institute of Science Bangalore; a Certified SCRUM Master and a Certified Project Management Professional (PMP).

Delegate Registration Form

Workshop on

Venue: Garden-side Hall, Hotel Taj Gateway, Residency Road, Bangalore 560025

July 13, 2012

Our Institution/ Organisation would be represented by following (Add additional sheet, in case of larger nominations):

Name & Designation	Contact – Phone, Email
1.	
2.	
3.	
4.	

Delegate Fee:

- **Rs 3000/- per participant for Corporate Delegates**
- **Rs2500/- per head for BMA members and individual (self) nominations, and participants from Academia.**
- **15% discount on bulk registrations (3 or more from same company)**

Our DD/Cheque No. dated for Rs..... Drawn in favour of Bangalore Management Association, payable at Bangalore is enclosed.

Name.....Designation.....

Institute/Company

Address

Phone Fax

Email

- *Prior registration & payment of delegate fee on or before the workshop date is necessary. Delegate fee is not refundable, but change in nomination(s) is acceptable*

Please mail/fax/email your nominations to:

Bangalore Management Association

B-207 Blue Cross Chambers

11 Infantry Road Cross, Bangalore 560001

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