

# XP CONFERENCE INDIA 2016 - DAY 1 - FRIDAY, 19TH AUGUST 2016

| Time                | Track 1  | Track 2   | Track 3   |
|---------------------|--|---|---|
| 09:00 AM - 09:40 AM | Welcome and Expectations for the Day   |   |   |
| 09:40 AM - 10:30 AM | <b>KEYNOTE: Ajay Srivastava</b> - Hyper Agile, Well-oiled Execution of Software Development.   |   |   |
| 10:30 AM - 10:45 AM | Coffee Break   |   |   |
| 10:45 AM - 11:45 AM | <p><b>TALK 1: Lancer Kind</b><br/>XP in the full stack</p> <p><i>With the explosion of front end technologies such as HTML5 and JS frameworks, it's not enough to do TDD just in your server side code. And frankly, there are likely a lot of DB procedures that are being developed without unit tests. Let's take a step back and look at a full application stack using (front) HTML, CSS, JS, (middle) java, Spring, json client/server, and (back) DB. Lance will show conceptual strategies, tools, and illustrative code examples for common unit test patterns that come up in those areas.</i></p>   | <p><b>TALK 2: Gautam Rege</b><br/>Gamifying Open Source</p> <p><i>The sad part of open-source is that we have almost 99% developers consuming it and less than 1% actively contributing back. CodeCuriosity is a platform which aims to change the way open source contribution is done and makes open-source contribution fun, motivating and rewarding!</i></p> <p><i>In this talk, Gautam provides insights on how do we change this and get more people to contribute back? And how CodeCuriosity measures and rewards your contributions and makes a difference in your life?</i></p>                        | <p><b>TALK 3: Sunil Gupta</b><br/>Introducing XP Practices in Team, Vision &amp; its challenges - A Leadership Perspective</p> <p><i>With Introduction of new Practices in Team, comes the risks of rejection or the challenge of sharing the vision behind. While teams maybe practicing certain technical practices or are aware of their importance, they still need to be sensitized the right way. In this talk, Sunil is going share about the factors to keep in mind and some ways to successfully introduce XP Practices in teams.</i></p>   |
| 11:45 AM - 12:45 PM | <p><b>TALK 4: Ramit Surana</b><br/>Building Big Architectures</p> <p><i>The term Microservice Architecture has sprung up over the last few years to describe a particular way of designing software applications as suites of independently deployable services. Recently, Docker containerization has been a popular term used by various companies and organizations. There are many benefits with this approach such as the ability to independently deploy, scale and maintain each component and parallel development across multiple teams. In this talk, Ramit will provide an understanding on micro services architecture and its importance.</i></p> | <p><b>TALK 5: Kalpana G</b><br/>Feature Toggle - What Why and How</p> <p><i>A technique that allows you to "switch on" or "switch off" features of a product. So till the time the entire story is ready to be released the feature is marked as "switched off". So though everything that is being developed is in the trunk but it is not visible and is not executed till the time it is "switched on".</i></p> <p><i>There is a lot more to feature toggles and this session will allow you to think away from the conventional approach of Branching and Merging and move towards CI/CD efficiently.</i></p> | <p><b>TALK 6: Vivek Ganesan</b><br/>Bashing Cultural Monsters in Continuous Integration</p> <p><i>Does your organization frown upon "Build Breakers"? Does your team spend a lot of time fixing integration issues in CI? Do you see a lot of "Who broke the build now?" emails? Do your team members hesitate to commit their code for the fear of causing a build failure? If you wish to know what you can do to make the situation better, this session is for you. In this session, Vivek will talk about Continuous Integration and its importance to eliminate certain risks, particularly when multiple teams are rallying towards a planned release.</i></p> |
| 12:45 PM - 01:30 PM | Lunch  |   |   |

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| 01:30 PM - 03:30 PM | <p><b>WORKSHOP 1: Ranjith Tharayil</b><br/>The craft of business friendly design<br/><i>This is an introductory workshop on Domain Driven Design (DDD), saying so we will be going beyond the theory of DDD and see how teams can actually embrace it by modelling software that is business friendly. Emphasis is placed on software development as a craft by embracing best practices of design in source code that works within the framework of agile processes.</i></p>                                 | <p><b>WORKSHOP 2: Siddharta Govindaraj</b><br/>Pitfalls of Continuous Deployment<br/><i>It seems that everyone is doing Continuous deployment these days, but doing it right is more complicated than it seems. In this workshop, Siddharta will take you through solutions for getting around some common pitfalls that face developers when they try to implement continuous deployment, like: How do you implement manual approval steps in the CD process? What do you do if a new version of the software requires changes to the operating environment? How do you rollback the deployment if there was a problem with the new version? Be there to explore!</i></p> | <p><b>Open Space: Facilitated by Vibhu Srinivasan</b><br/>Got a different question on mind? Raise it at the Open Space!<br/><i>Every participant will have a chance to raise topics/issues/questions that are important to them. The top voted topics will be handled by smaller teams within the session for in-depth discussion and understanding.</i></p>   |
| 03:30 PM - 03:45 PM | Coffee Break  |  |  |
| 03:45 PM - 05:45 PM | <p><b>WORKSHOP 3: Ganesh Samarthyam</b><br/>Refactoring for Software Design Smells<br/><i>Awareness of design smells - indicators of common design problems - helps developers or software engineers understand mistakes made while designing and apply design principles for creating high-quality designs. In this talk, Ganesh will provide insights gained from performing refactoring in real-world projects to improve refactoring and reduce the time and costs of managing software projects.</i></p> | <p><b>WORKSHOP 4: Vinay Krishna</b><br/>Building A Serverless Application<br/><i>Most of us these days develop applications and deploy them on servers, either on-premises or in the cloud. We need to plan well ahead in time as to how much server, storage and database we need. We also need to plan for deploying all the hardware and software necessary to run the application. In this workshop, Vinay will help you learn about serverless architecture and build a small serverless application.</i></p>   | <p><b>WORKSHOP 5: Tim Myer</b><br/>Refactoring for Concurrency<br/><i>A walk through various scenarios in a codebase that works perfectly when there are only a few users in the system, but where subtle, irreproducible or hard-to-reproduce bugs appear under load. In this workshop, Tim helps you explore what makes the code concurrency-unsafe and what options are available for changing the implementation of the code without changing its expected behavior.</i></p> |
| 05:45 PM - 06:15 PM | Closing Day 1 followed by networking  |  |  |

**XP CONFERENCE INDIA 2016 - DAY 2 - SATURDAY, 20TH AUGUST 2016**

| <b>Time</b>         | <b>Track 1</b>   | <b>Track 2</b>  | <b>Track 3</b>   |
|---------------------|--|---|--|
| 09:15 AM - 09:45 AM | Welcome & Expectations for the Day   |   |  |
| 09:45 AM - 10:30 AM | <b>KEYNOTE: Meetu Arora</b> - Power of Measurement to Attain True Agility  |   |  |
| 10:30 AM - 10:45 AM | Coffee Break   |   |  |
| 10:45 AM - 12:45 PM | <p><b>WORKSHOP 6: Banu Prakash</b><br/>The Characteristics of BDD<br/><i>This workshop is on Behaviour Driven Development where participants will learn the different characteristics of it with group activities, understand requirement gathering, then create the requirements in Gherkin Language followed by a demo of BDD Testing in Java.</i></p> | <p><b>WORKSHOP 7: Aditya Patawari</b><br/>Introduction to Docker<br/><i>Docker is an open-source platform which provides a great way to package and deploy applications. With its lightweight resource consumption pattern, it helps in making CI/CD environments faster and predictable. In this workshop, Aditya will help you learn how to setup Docker and deploy a basic web application.</i></p>                      | <p><b>WORKSHOP 8: Lance Kind</b><br/>Componentize! Respond to What Your Code &amp; What Your Business are Saying<br/><i>When the business is asking for more features, the developers respond by simply adding to that cute little function and it gets bigger and messier. Although it gets harder to understand, well-meaning developers still work with that design. It creaks like a rotting floor, no one does anything different and keeps adding more and more. In this workshop, Lance will show how to componentize so we stop being code-zombies, and where adding new features would mean adding new objects.</i></p> |
| 12:45 PM - 01:30 PM | Lunch  |   |  |
| 01:30 PM - 02:30 PM | <p><b>TALK 7: Hrishikesh K &amp; Vinaya Muralidharan</b><br/>Perspectives on Continuous Integration at Scale<br/><i>In this talk the speakers from Amdocs share their experience of continuous integration journey and how the transformation is done in enterprise projects having hundreds of people without impacting the business.</i></p>           | <p><b>TALK 8: Yahya Poonawala &amp; Siddharth Kulkarni</b><br/>Do DevOps like Lance Armstrong!<br/><i>With the concept of Infrastructure as Code gaining momentum, along with the concept of DevOps, it's important to check the sanity of the Infrastructure as a whole. This talk aims to discuss and demo concepts of why testing your infrastructure is important, what does it involve and how it can be done.</i></p> | <p><b>TALK 9: David Wylie</b><br/>Zero Bug Manager<br/><i>How can a manager create and support a team that delivers no bugs in a release? Empowered XP teams don't need micro-management, but they do need a manager's support. In this talk, David will create a job description for an XP Manager, and share his experiences.</i></p>  |

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| 02:30 PM - 03:30 PM | <p><b>TALK 10: Puttajunjaiah Krishnamurthy &amp; Arun Srinivasan</b><br/> Agile Testing Cost Reduction using Pairwise Technique<br/> <i>Pairwise testing has become an indispensable tool in a software tester's toolbox. This talk pays special attention to usability of the pairwise-testing technique. In particular, it focuses on ways in which the pure pairwise-testing approach must be modified to become practically applicable, and on the features that tools must offer to support the tester who is trying to use pairwise testing in practice</i></p>   | <p><b>TALK 11: Pradeep Kumar NR</b><br/> Journey with XP a case study in embedded domain<br/> <i>Through this talk, Pradeep will share his learning experience and describe his journey with XP that has been part of his life since 2 yrs. This talk also unfolds some aspects of how to adopt XP in embedded space with multiple layers involved and when there is a dependency on hardware.</i></p> | <p><b>TALK 12: Preeti Mishra</b><br/> Testing Until Teleportation<br/> <i>"We haven't yet invented Teleportation. At least not for the population that isn't working for CIA or NSA. So, we need ways to perform distributed testing, where systems either appear "teleported" or they don't require teleportation. In this talk I will explain what tools and possible processes, tips, can teams follow for high quality distributed testing, until teleportation becomes mainstream.</i></p> |
| 03:30 PM - 03:45 PM | Coffee Break  |  |   |
| 03:45 PM - 05:45 PM | <p><b>D-I-Y Zone:</b> Facilitated by Development Coaches and Experts, the sessions are going to be deep-dive exercises to solve specific problem statements based on themes and topics that would be explored over the two days of the conference. A participant will have the choice to attend from themes such as:</p> <p><b>1) Behaviour Driven Development (BDD):</b> <i>In this DIY session, you will be given a problem that you will be solving using Behaviour Driven Development philosophy and respective tools such as Cucumber or SpecFlow. You would get support from experts during this session.</i></p> <p><b>2) Docker:</b> <i>This is a session where you will apply container strategy. You will get try out Docker specific commands such as creating your own docker image and container.</i></p> <p><b>3) Refactoring &amp; Test Driven Development (TDD):</b> <i>In this session, you will deal with an unusual piece of code and new changes to implement. You need to refactor the code using various refactoring techniques and design principles (SOLID) and without breaking existing functionalities. You get chance to apply TDD as well using junit, NUnit, MSTest, PyTest, Jasmine and other unit test frameworks based upon technology you choose.</i></p> |  |   |
| 05:45 PM - 06:15 PM | <b>Closing Note</b>   |  |   |
| 06:15 PM - 06:30 PM | Retrospective   |  |   |