

Adoption of Agile Scrum development methodology.

With the aim to improve engagement between the Business and IT and maximise their development capability, a large plumbing retailer engaged Intunity to establish an Agile development methodology based on Scrum. As an Atlassian Partner Intunity was able to leverage the power and simplicity of the Atlassian Development tools to assist in the success of the Agile adoption.



Business Challenge

The adoption of a new JEE-based development platform provided the retailer with the fundamentals to refresh and extend their core systems to support more web-based and online interfaces. It also provided an opportunity to address some of the fundamental problems that plague the majority of IT departments; how do I get better engagement and collaboration between IT and the Business? and how can we deliver solutions that are relevant and timely?

Solution

The choice of the open-source RedHat JBoss EAP provided the retailer with an enterprise scale application server on which to refresh their systems. However, to build a high performance development team Intunity implemented an Agile development methodology, along with the tools to support key agile development practices, such as:

- Agile Project Management - JIRA & GreenHopper
- Collaboration and Documentation - Confluence
- Code Reviews - Crucible
- Automated Builds and CI - Bamboo and Maven
- Automated Testing - TestNG, Selenium, Clover

The Scrum framework was adopted as the basis of the new Agile methodology and the team quickly embraced key practices such as Test Driven Development (TDD), Continuous Integration (CI), Code Reviews and Collective Ownership.

"The team at Intunity played an integral part in establishing our Java development capability, from recruiting and coaching the right team to selecting and implementing the right development tools, technologies and processes. The success of the SCRUM methodology introduced has since been adopted by the wider development team."

IT Delivery Manager,

Specifications

- Agile Scrum development process
- TDD and Continuous Integration
- Confluence, JIRA, GreenHopper, Bamboo, Fisheye, Crucible
- TestNG, Selenium

Intunity provided Process Coaching and mentoring during the “pilot” project as well as Technical Coaching to set up the required tooling and in the adoption of practices such as TDD and CI. Intunity’s experienced Agile Practitioners were also instrumental in embedding the process and practices through the duration of the pilot project.

The selected tools and frameworks play an important part in ensuring the productivity of an agile team, and in particular support all of the quality focused engineering practices. A number of open-source tools were chosen, but primarily Atlassian’s best of breed developer and collaboration tools were selected. As an experienced Atlassian Partner, Intunity was well placed to help the client to get the most out of these tools.

Benefits

The adoption of Agile development, along with the implementation of key tools and frameworks has allowed the retailer to build a series of high performance development teams. These teams are progressively delivering applications and solutions that are timely and relevant to the business.

Partnering with Intunity enabled the retailer to fast track the implementation and configuration of the Atlassian tools and leverage the power of these tools to rapidly deliver benefits to the development teams.

About Intunity

Intunity is an Agile Software Development Company. We use Agile methods and practices to deliver quality Enterprise and Mobile solutions for our clients that are timely and relevant.

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