

# Forge Boot Camp

Join us for a comprehensive 2-day workshop tailored for developers eager to elevate their skills in extending and enhancing Atlassian's suite of products through the Forge platform. In this immersive class, participants will delve into the intricacies of building and deploying Forge applications for enterprise environments. Through a series of hands-on exercises and practical demonstrations, attendees will not only gain a thorough understanding of the Forge platform but also learn essential techniques for migrating their current Connect applications seamlessly to Forge. This course is ideal for developers seeking to harness the full potential of Atlassian's ecosystem and unlock new possibilities for innovation and productivity.



## Key features:

- **Foundational Understanding:** Explore the fundamental concepts of Atlassian Connect and Forge, including their respective purposes, features, and typical use cases.
- **Transition Insights:** Gain insights into the rationale behind Atlassian's shift towards Forge, along with the benefits of migrating from Connect.
- **Forge Platform Mastery:** Delve into the intricacies of the Atlassian Forge platform, covering its Function as a Service (FaaS) model, key components, capabilities, and security aspects.
- **Real-world Application Insights:** Analyze real-world case studies to understand successful migrations and troubleshoot common issues encountered during the transition process.
- **Practical Development Guidance:** Receive hands-on guidance for developing applications in Atlassian Forge, from building your first Forge app to deploying and optimizing it using advanced tools and techniques.

## Class outline:

- Introduction to Atlassian Connect and Atlassian Forge
- Understanding the Atlassian Forge Platform
  - Function as a Service (FaaS)
  - Key Components and Capabilities
  - Security and Compliance
  - Hosting and Scalability
- Case Studies and Real-world Examples
  - Successful Migration
  - Troubleshooting Common Issues
- Developing Applications in Atlassian Forge
  - Building Your First Forge App
  - Advanced Development Tools/Techniques
  - Debugging and Testing
- Deployment and Publishing Strategies
- Forge Development Cycle: How to optimize your dev environment with Forge
- Migrating from Connect to Forge
  - Install prerequisites and prepare your app
  - Convert your descriptor to a manifest
  - Register and deploy your app to Forge
  - Install your app to your development site
- Review and agree to the Forge terms and Data Processing Agreement (DPA). Converting the logic
  - Isolating Connect logic from the rest of the application
    - Abstracting calls to Atlassian API
    - Isolating authentication and security
  - Mapping connect features to Forge features
  - Transitioning Connect logic to Forge equivalent tooling
  - Filling in the gaps with Forge Remote