Node.js Test Automation using Oracle Developer Cloud
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Nodejs Application Development

- **Development**
  - Project Management
  - Source Control
  - Code Development

- **Testing**
  - API Stubbing
  - System Testing
  - Load Testing

- **Deployment**
  - Code Build
  - Artifact Generation
  - Deployment
Test Automation

1. Develop and Push your Nodejs code to Git repository.
2. Develop API stubbing for the dependency.
5. Push your API stubbing, System and Load testing automation to Git Repo.
6. Create a Build Pipeline for code build, API stubbing, system and load test automation.
7. Deploy Application and API Stub.
DevOps Platform

To stitch everything together

Oracle Developer Cloud Service
Oracle Developer Cloud Service and The DevOps Cycle

- **Plan**
  - Task tracking, Agile planning, wiki
- **Code**
  - Git—version management
  - Code review, snippets
- **Build**
  - CI + Build Tools & Utilities
- **Test**
  - JUnit & Selenium, Findbugs, Sonar deploy to QA
- **Release & Deploy**
  - Deploy Plans, Provisioning, and configuring
Oracle Developer Cloud Service Architecture

- Developer Cloud Tasks
- Git
- Code review
- Build Pipeline

Build

- Oracle Compute Build Server
- Oracle Compute Build Server

Deploy

- Oracle PaaS
- Oracle IaaS
- Non Oracle IaaS

WebHooks

- External Tools
- GitHub
- Jenkins/Hudson
- Slack/Hipchat
Thank you
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