AutoRABIT for
Salesforce DX

Continuous Delivery, Achieved.

"To enable enterprises to seize digital business opportunities, development teams must

modernize architecture, infrastructure & processes

to deliver higher-quality applications with greater agility."

- Gartner

Digital business requirements are driving enterprises to modernize their application development strategies to deliver quality, agility and scalability. For enterprise Salesforce practice, development setup is structured around managing changes locally in developer sandboxes. Now, with the introduction of Salesforce DX, enterprises can modernize their software/application development practices applying Agile and DevOps efficiently.

AutoRABIT, an end-to-end Continuous Delivery SaaS platform, complements Salesforce DX. AutoRABIT has extended its enterprise application to support seamless DX integration with a GUI which helps developers to use the DX CLI, manage Scratch Orgs, and adopt a source control driven development. Its core features are combined with Salesforce DX to enable developers and release managers to easily manage 'change' as an entity around Salesforce, SCM, ALM and Test Automation.

Integrates DX Scratch Orgs with ALM tools

AutoRABIT seamlessly integrates with a wide array of ALM tools and Salesforce DX, enabling developers to manage DX Scratch Orgs based on a user story status.

Provides GUIs for DX CLIs

AutoRABIT provides graphical Check-in and merge editors, and reduces the complexity of Command Line Interfaces (CLIs) to increase SCM adoption.

Extends DX beyond Deployments and Apex Testing

AutoRABIT extends to work with Scratch Orgs such as ApexPMD and security scanner. It supports code review systems like Gerrit and Crucible.

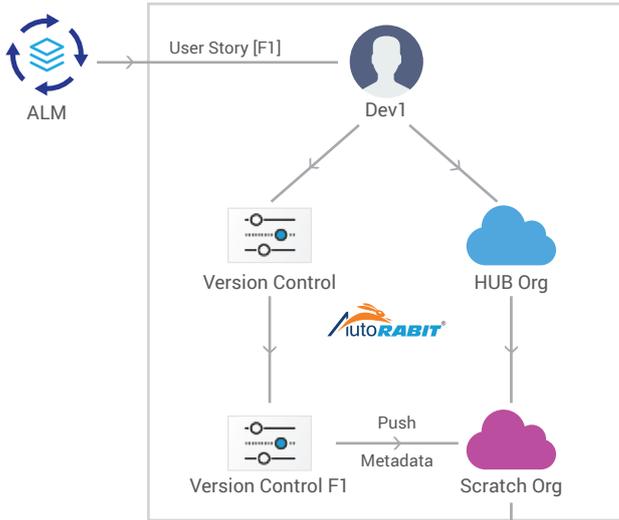## What We Promise

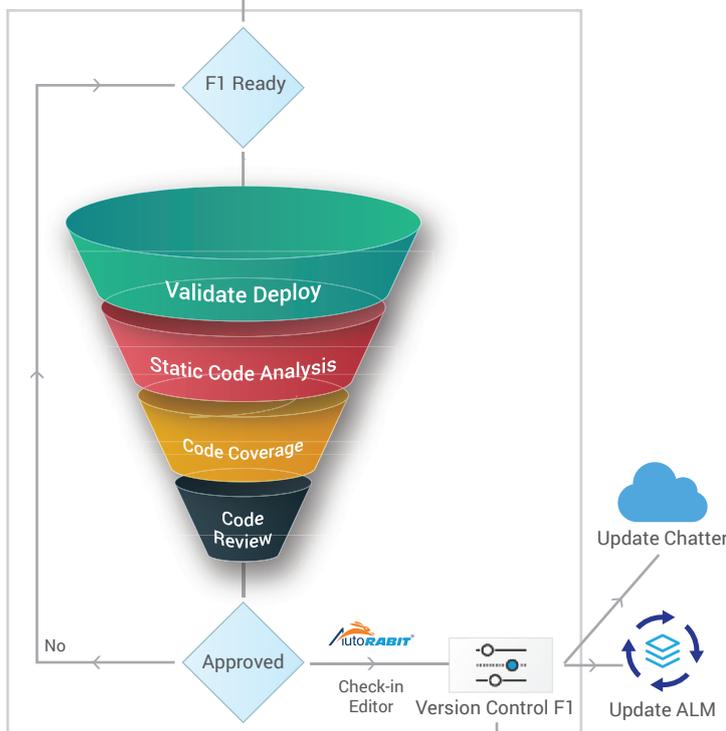| Transparency & Traceability	End-to-end Automation	Enhanced Productivity & Efficiency	Ease of Audit & Compliance	Faster Time-to-Market	Improved Customer Satisfaction

Provisioning

Assign a user story to the developer from ALM tool, and

- Get a Scratch Org created from the Hub Org for user story development
- Create a feature branch and populate metadata into the Scratch Org.

ALM

User Story [F1]

Dev1

Version Control

HUB Org

Version Control F1

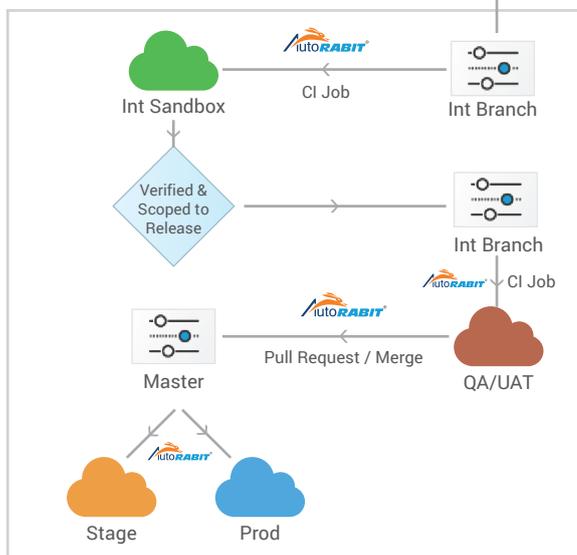Push Metadata

Scratch Org

Development

Developer works on his user story, raises a review request with AutoRABIT Check-in Gate.

The Check-in Gate validates deployment, runs code coverage and static code analysis, and generates a report with code changes for the reviewer to approve/reject the check-in.

On Approval, the developer check-ins the code to Version Control and notifications can be sent to ALM systems, Chatter, etc.

F1 Ready

Validate Deploy

Static Code Analysis

Code Coverage

Code Review

Update Chatter

No

Approved

Check-in Editor

Version Control F1

Update ALM

Release

Once the user story is approved to get into a shared environment like integration, the release management team can:

- Promote the story from a feature branch into a higher branch
- Deploy the changes from a higher branch to a release environment using an automated CI job
- This process can be repeated across Sandboxes and Production environments.

Int Sandbox

CI Job

Int Branch

Verified & Scoped to Release

Int Branch

CI Job

Master

Pull Request / Merge

QA/UAT

Stage

Prod

- Scratch Org
- Developer Pro Sandbox
- Partial Copy Sandbox
- Full Copy Sandbox
- Production

AutoRABIT is the ONLY Continuous Delivery Platform with end-to-end integration for Salesforce DX.

Please contact us for more details.