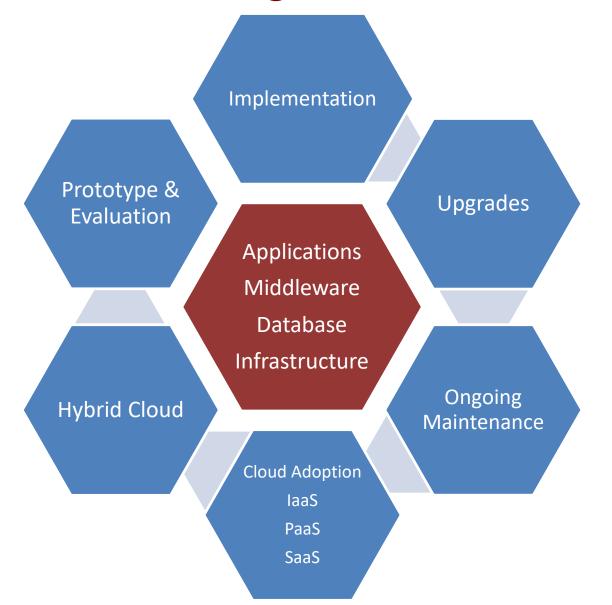


DevOps for YOU! Database, EBS, APEX, Middleware, BI, Cloud, and More

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The Challenges Never End!





Challenges with Software Delivery

Cost

- Manual activities are very costly
- Creating & maintaining environment and scripts
- Outages in test and production environments

Speed

- Delays for environment provisioning/setup
- Slow deployment and release, impacting test cycle times
- Time spent troubleshooting issues vs. 'productive work'

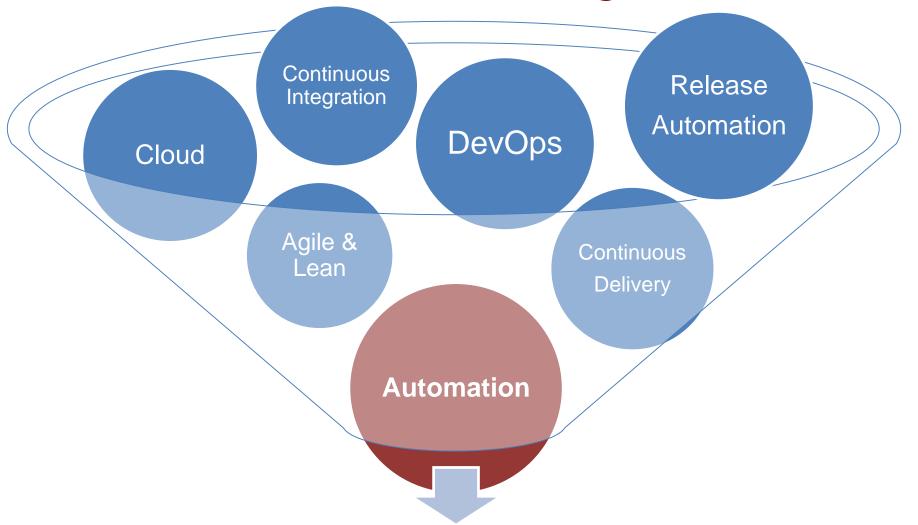
Quality

- Poor Visibility to what, when, who, how
- Lack of Controls lead to compliance issues & failed audits
- Increased Risk for quality delivery

Too costly, slow, error prone, and high risk



Drivers for Change

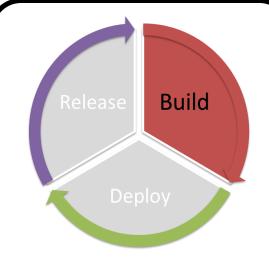


Accelerate Delivery, Improve Quality, Reduce Cost

---- Business Value ----



3 Core Tool Categories

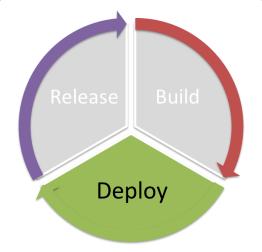


Source Control Integration

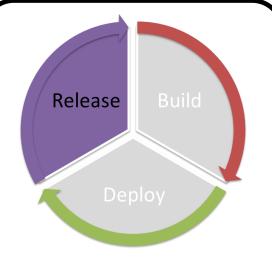
Build & Packaging

Artifact Repository

Continuous Integration



Apps, Middleware, DB
Provision and Configure
Server Management
On Premises and Cloud



Pipeline Automation
Release Management
Snapshots
Quality Gates

Security, Testing, Controls, and Visibility across the Platform



Support across the Spectrum

Silo Culture Collaborative Culture Traditional Waterfall Lean & Agile Continuous Delivery Infrequent Delivery **Automation Limited Automation Pervasive** Monolithic Microservices Physical/VM **Cloud/Containers**



Tooling Options

Commercial options

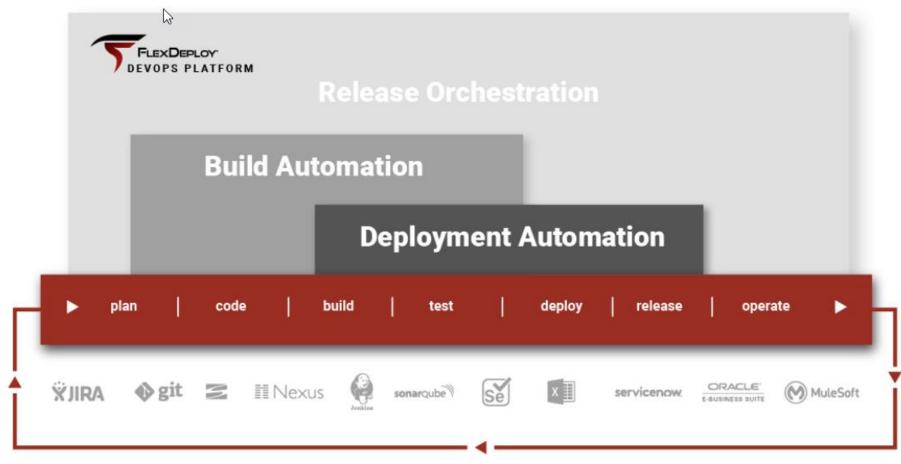
- Most vendors have a Suite of products (Build, **Deploy, Release**)
- Focus on Deploy and Release
- Licensing cost can be a barrier to entry
- Can be time consuming and costly to implement multiple products

Open Source options

- Many point tools (Build, Deploy, Release)
- Focus on Build/CI
- Can be complex and costly; extending CI Servers (e.g. Jenkins)
- Skills can be a challenge, driven by tool sprawl



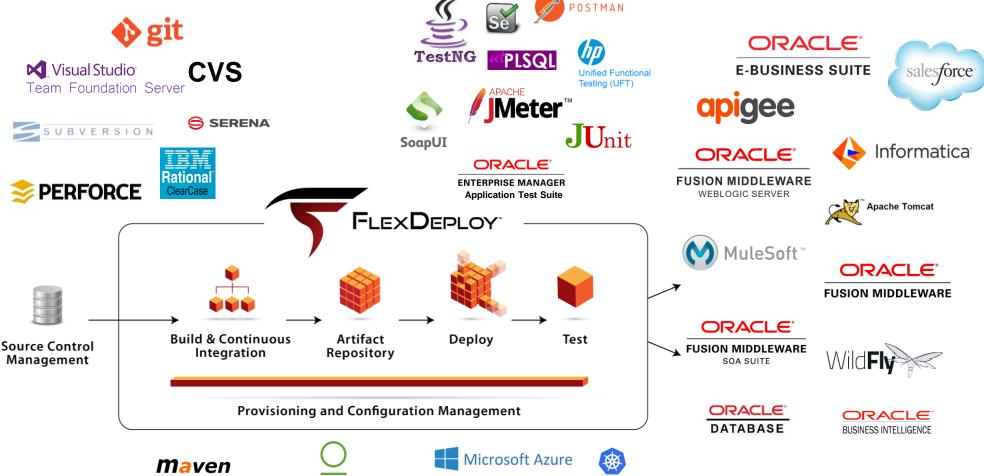
FlexDeploy DevOps Platform



- ✓ Comprehensive and Integrated Build, Deploy, Release
- ✓ Automation, Controls, Visibility
- √ 3rd Party Plugins and Integrations
- ✓ Open and Extensible Platform



Pre-Built Plugins & Integrations















kubernetes











Out of the Box Support for Oracle

Database and Tools

- DB as code
- APEX
- ORDS
- JDeveloper
- ADF
- JET
- utPLSQL
- OATS
- SODA
- Forms

Middleware and BI/ETL

- WebLogic
- JMS
- SOA
- OSB
- MDS
- B2B
- MFT
- BPM
- WebCenter
- ODI
- OBIEE

Applications

• E-Business Suite

Cloud

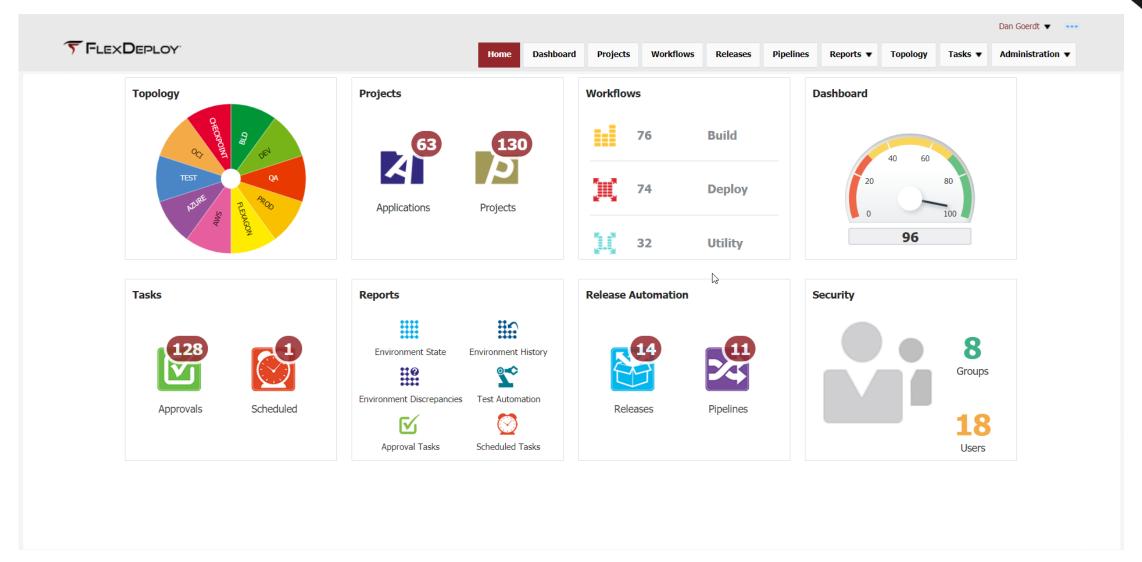
- laaS Compute
- laaS Storage
- laaS Container
- PaaS Java
- PaaS SOA
- PaaS Integration
- PaaS API Platform
- PaaS Database
- PaaS ACC
- Terraform (Hashicorp)



FlexDeploy Demo

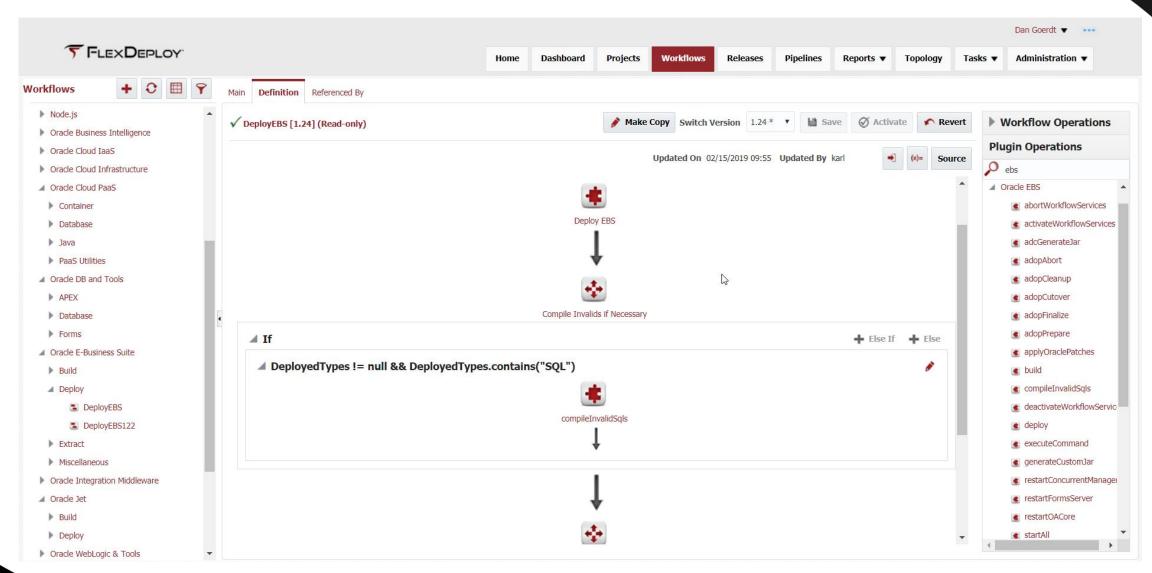


FlexDeploy Homepage





Workflows Eliminate Manual Tasks and Scripting





Workflows Eliminate Manual Tasks and Scripting

Oracle Database

- compileInvalid
- createBaseline
- dropUnusedColumns
- recreateBuildDB
- refreshMView
- synchronize

Oracle Database Cloud

- buildInstance
- createInstance
- instanceExists
- instanceIsRunning
- restartInstance
- startInstance
- stopInstance

Oracle WebLogic

- adminServerStart
- adminServerStop
- createOrUpdateDataSources
- createOrUpdateEISEntries
- createOrUpdateJMSObjects
- createOrUpdateWeblogicConfiç
- createOrUpdateWorkManagers
- deploy
- DeployAndImportOWSMPolicy
- domainRestart
- domainStart
- domainStop
- executeWLST
- executeWLSTScriptFile
- generateEISDeploymentPlans
- ImportOWSMPolicy
- libraryUndeploy
- managedWeblogicRestart

Oracle Integration Cloud

- activateIntegration
- buildIntegration
- createConnectionPlan
- deactivateIntegration
- exportConnections
- exportIntegration
- exportLibrary
- exportLookup
- exportUpdatedIntegrations
- importIntegration
- importLibrary
- importLookup
- runIntegration
- updateConnections

Oracle SOA Cloud

- addManagedServer
- buildInstance
- createInstance
- ★ instanceExists
- instanceIsRunning
- removeManagedServer
- scaleManagedServer
- startInstance
- stopInstance

Oracle SOA Suite

- bpmBuild
- bpmDeploy
- 🔹 purge
- soaBuild
- soaDeploy
- soaStart
- soaStop
- undeploy

Docker

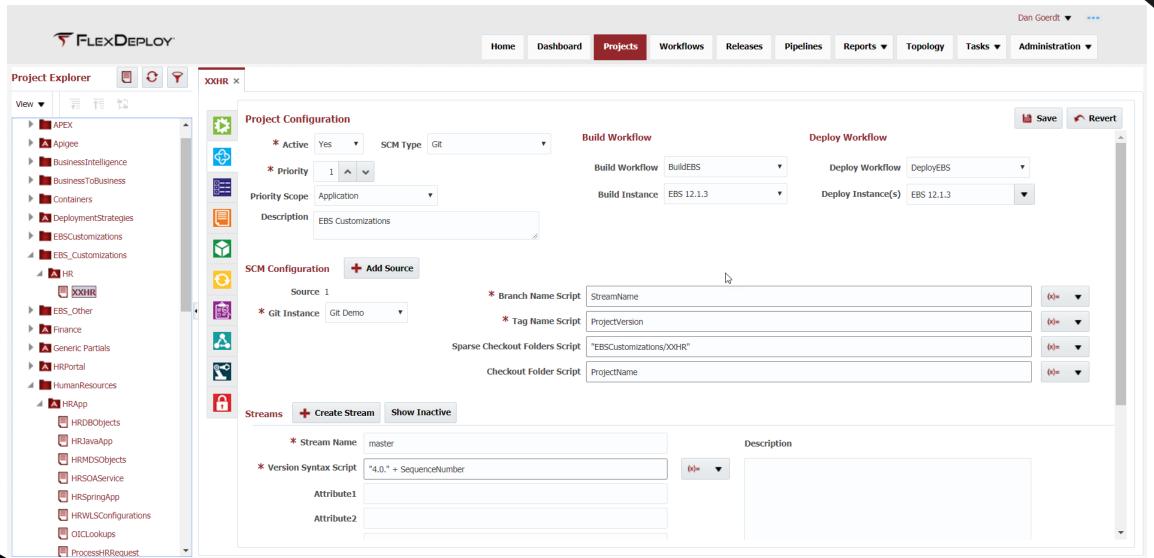
- buildImage
- connectNetwork
- createContainer
- disconnectNetwork
- killContainer
- pushImage
- removeContainer
- runContainer
- startContainer
- stopContainer
- tagImage

Kubernetes

- apply
- delete
- exec
- label
- 🛊 run
- scale

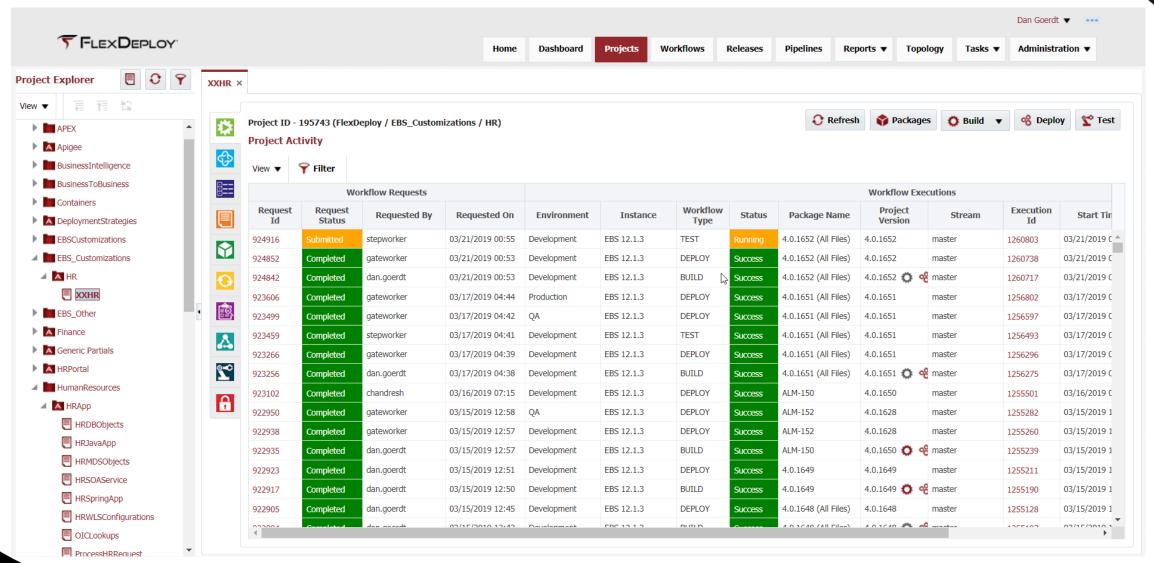


FlexDeploy Project Configuration



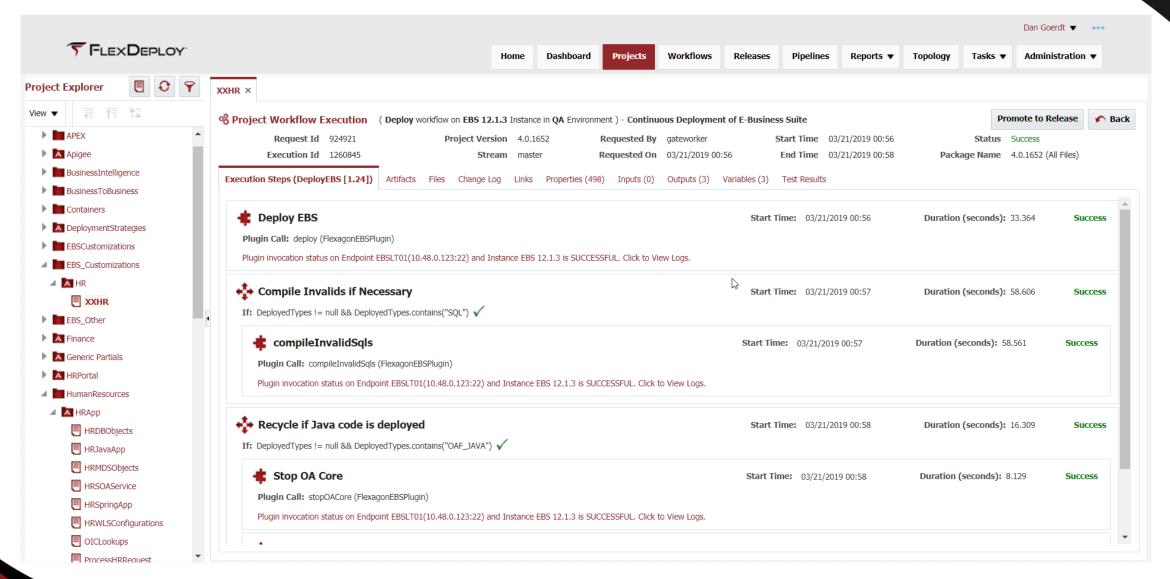


FlexDeploy Projects



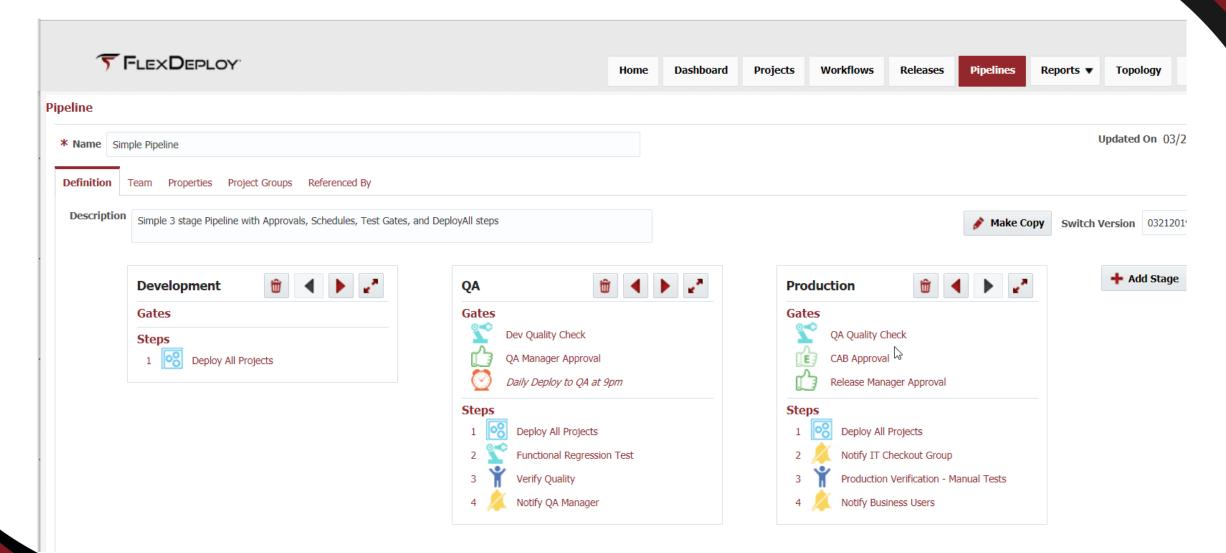


Workflow Execution



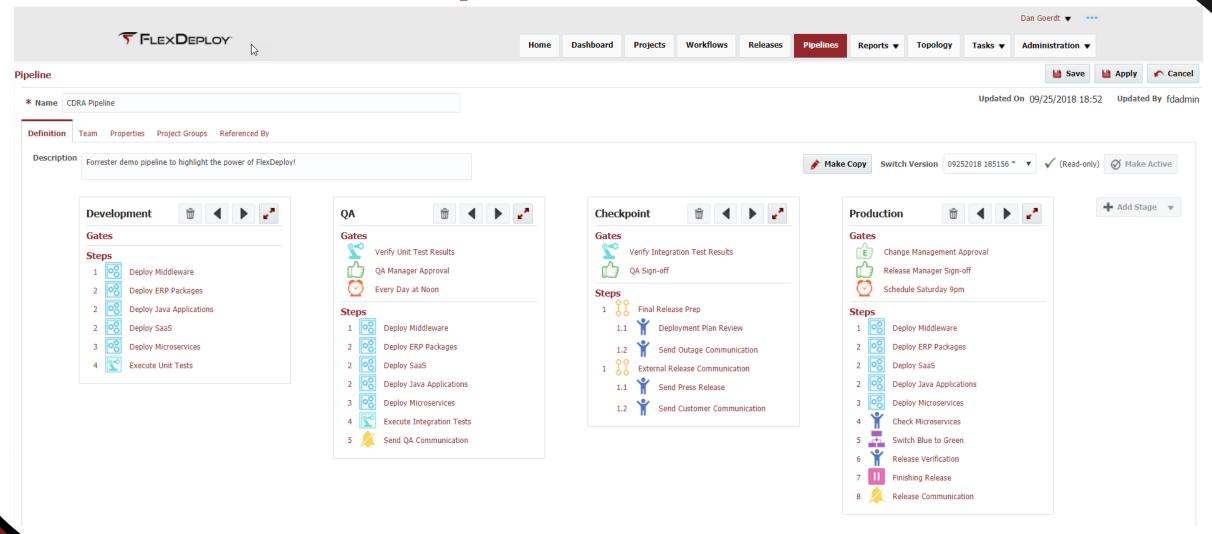


Pipeline Orchestration



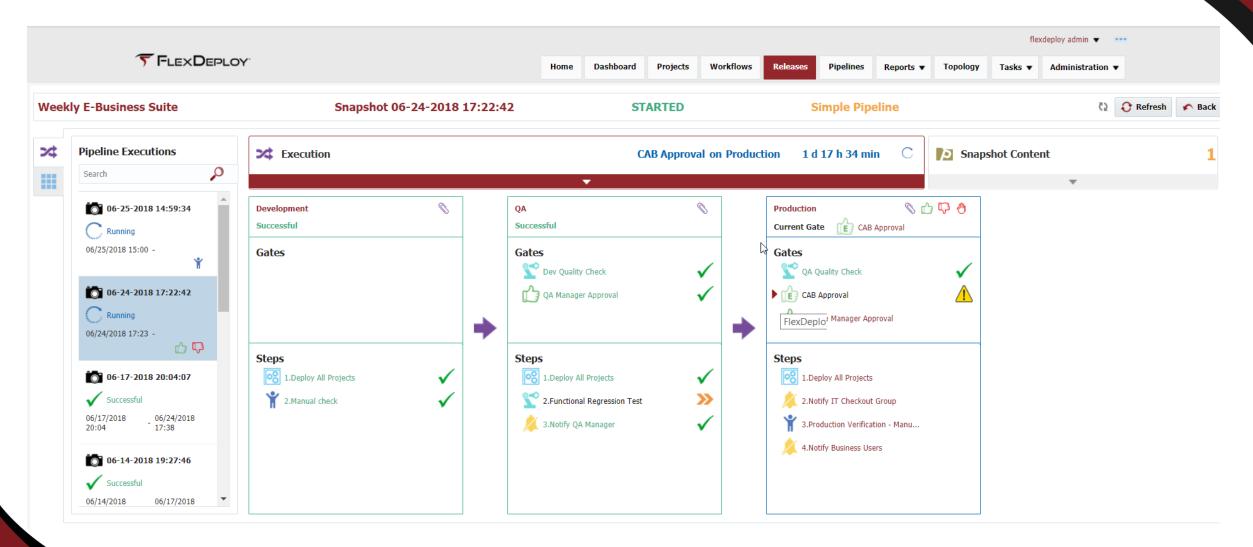


Robust Pipeline Orchestration



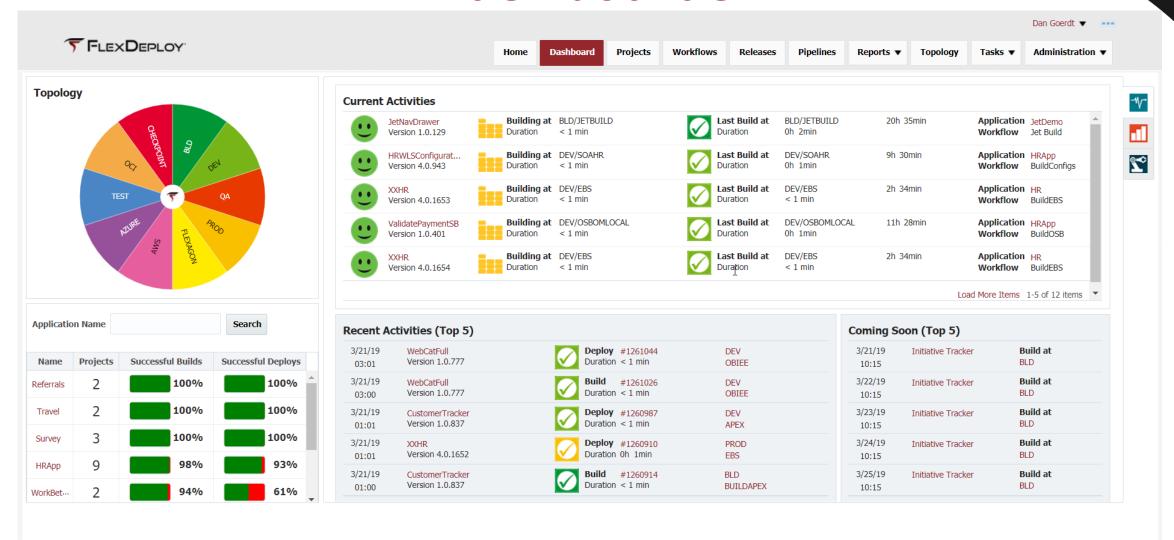


Release Dashboard





Dashboards





Reports

