

Deployment Automation: Deliver High-Quality Software Efficiently and Reliably

DevOps transformation projects aim to deliver software innovation faster and with less risk. The growth in application complexity, increased frequency of application changes, and the need to deploy across multiple environments and infrastructures (physical, virtual, container, and cloud) stresses legacy processes and tools. Existing manual and semi-automated application deployment models are inefficient, error-prone, and difficult to scale. To avoid schedule delays and poor quality software, delivery teams require a reliable, repeatable deployment process, from development to production.

Features and Benefits

Drag-and-Drop Deployment Automation

Micro Focus® Deployment Automation streamlines deployments using graphical process automation, orchestrating complex deployments across all delivery environments. The process editor makes it easy to create and understand the end-to-end deployment process. Reusable deployment templates allow reuse of processes and properties, simplifying the setup of new deployment processes. Take a snapshot of your application, and quickly deploy to a new environment as a single artifact with just one click.

Deployment Automation provides an extensive library of plug-ins for integration with the entire deployment pipeline, replacing scripts and manual processes. Create your own plugin, or choose from dozens of plugins and integrations with popular tools. No coding is required.

Built-in Artifact and Deployment Pipeline Management

Deployment Automation includes an artifact repository that provides secure and tamperproof storage. All versions are stored with traceability to their details. Associations between repository artifacts and deployed components are automatically stored.

Benefits

- Simplify, standardize, and automate the deployment of the most complex multi-tier applications
- Seamlessly deploy and maintain applications across heterogeneous, distributed physical, virtual, container, and cloud servers
- Ensure that components tested together are released together—use the same deployment process for seamless automated deployments, from development to production
- Cut the time and cost of deploying applications by up to 90%

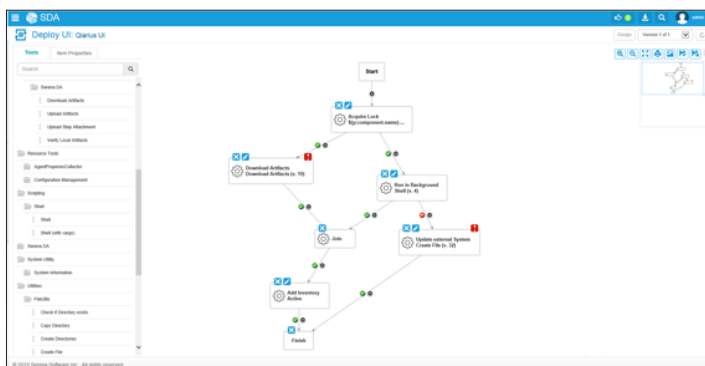


Figure 1. Micro Focus's drag-and-drop graphical process editor

Take a look at how **Deployment Automation** can dramatically improve the quality, speed, reliability, and cost of your deployments.

www.microfocus.com

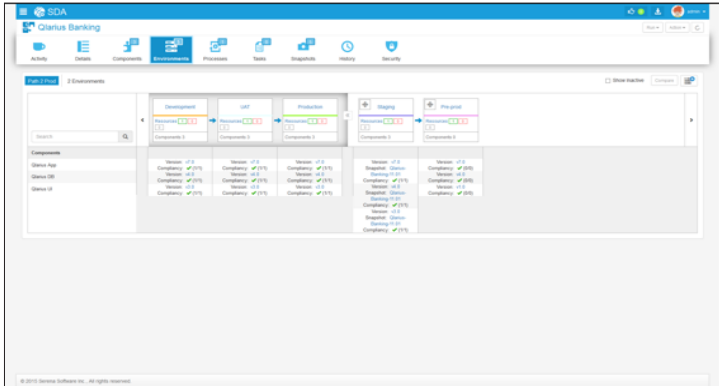


Figure 2. Application deployment pipeline



Micro Focus
UK Headquarters
 United Kingdom
 +44 (0) 1635 565200

U.S. Headquarters
 Rockville, Maryland
 301 838 5000
 877 772 4450

Additional contact information and office locations:
www.microfocus.com

Deployment pipelines and their associated environments are securely managed with Deployment Automation. Resources have roles, permissions, and approvals to ensure full control over who can deploy to each environment and when. Templates help build on the environment's specific configuration, allowing variables to be environment-independent. The result is seamless, automated deployments, from development to production environments.

Deployment Automation orchestrates the provisioning of environments for "full stack" deployments to physical, virtual, container, and cloud-based environments. With full integration with the Micro Focus Silk testing suite, Deployment Automation can orchestrate the build, deployment, testing, and release of your entire continuous delivery pipeline.

Deployment Automation provides an inventory showing the applications and components that have been deployed to each environment, and when these deployments occurred. Model-based deployments are also supported. Application snapshots capture the application's

current state in the tool and the environment. Snapshots can be used to compare, deploy, and roll back releases quickly and accurately.

Take a look at how Deployment Automation can dramatically improve the quality, speed, reliability, and cost of your deployments.

Features

- Ensure that components tested together are released together using the same deployment process
- Easy-to-use graphical editor for process and deployment automation
- Model-based deployments
- Artifact repository providing secure storage and traceability
- Plug-in architecture with out-of-the-box support for the major application environments
- Seamless integration to third-party tools: SCCM, Build Tools, Test Automation, QA, help desk, change management, and development ticketing systems
- Out-of-the-box audit and compliance reports to achieve compliance with regulations