

Deployit

Bridging the gap between Development and Operations

Deployit is a Deployment Automation solution for IBM Websphere, Oracle WebLogic, JBoss, Tomcat and many other middleware stacks, that also integrates with CMDBs and development tools.

It enables IT organizations to automate their software deployments in an efficient, secure and predictable way, supporting the application release management lifecycle from development, test and acceptance up to production environments.

Deployit is based on a Unified Deployment Model, which captures and contains all application artifacts, target environment configurations and their associated mappings. This ensures deployments are carried out in a uniform way across all of your environments.

Main Capabilities in Deployit

Best-Practice Deployment Scenarios

Deployit has built-in support for a broad range of artifacts, JDBC data sources, JMS resources, shared libraries, application configurations, security proxies and static content. This enables organizations to support complex server, cluster and web server configurations with minimal application downtime.

Seamless Integration with Existing Infrastructure

Deployit has built-in support for all major middleware stacks like IBM WebSphere, Oracle WebLogic and JBoss, but also Tomcat and Apache environments. Furthermore, Deployit integrates with various continuous integration tools, build frameworks, CMDBs and other software components.

Secure Self-Service Deployments

With Deployit, users can only carry out authorized deployment activities. Deployit fits well with an Agile development methodology, allowing both developers and testers to safely execute self-service deployments to their own environments. Deployit offers role-based permissions for managed objects and environments and integrates with existing security infrastructures.

Business benefits of Deployit

Deployit automates deployments throughout the entire application lifecycle.

- No more deployment errors.
- Boost your time-to-market.
- Ensure business continuity.
- Lower your operational costs.

Python Command-Line Interface

Using Deployit's Python command-line interface (CLI), all of the power and flexibility of the Python language can be used to create Deployit workflows. Implementing continuous deployment, discovering new middleware and configuring security are enabled through customizable Python code. With Deployit's CLI, automating deployment tasks and integrating these into your application lifecycle management environment becomes an easy task.

Standard Archetypes for Managing Large Environments

Most organizations working with large sets of middleware use their own standards for configuring and naming hosts, servers, clusters and domains. Deployit offers archetypes

Supported platforms

- IBM WebSphere AS
- IBM WebSphere MQ
- IBM Portal
- IBM Process Server
- Oracle WebLogic AS
- Oracle Service Bus
- JBoss AS
- Tomcat server
- Maven build framework
- Hudson
- Bamboo
- CruiseControl
- HP Universal CMDB
- IBM Tivoli CCMDB
- MySQL
- Oracle DB
- IBM DB2
- MS SQL Server
- Liferay portal

as a way to implement these standards. By recording standard values for configuration items (CIs) in an archetype and creating CI instances based on this archetype, large numbers of CIs can be created efficiently and correctly. And by changing the archetype, all CI instances are updated dynamically as well.

Optimized for Complex Multi-Platform Environments

Deployit is optimized for handling complex environments with hundreds of applications and thousands of servers.

The user interface is divided into logical components, each of which shows a subset of your data. The components retrieve data using efficient paging technology to ensure that working with even the largest datasets remains very responsive. Breadcrumbs and filtering make locating the configuration item or deployment you need easy and convenient.

Easy Troubleshooting with Comparison of Packages, Servers and Applications

Finding out why a deployment works in one environment but does not in another can be quite hard at times. Therefore, Deployit provides an easy way to compare packages, servers and applications with each other. By selecting your deployed application on the development and test environments, Deployit shows the differences for all relevant settings.

Maven Plugin for Continuous Deployment Scenarios

To integrate Deployit with your build environment, a dedicated Maven plugin is available. All that is needed is to define a deployment archive and an environment in the POM. The plugin can help you create a deployment archive as a step in your build process or execute a deployment, right from within Maven. This makes it very easy to set up a continuous deployment scenario for your projects.

Intuitive & Productive User Interface

Deployit's user interface makes it easy to create, configure and execute deployments. The layout and components of the user interface enable users to quickly learn how to use it, even for novice deployers. With the right configuration, deployments can be executed with a single click of the mouse. The tabbed interface makes it possible to configure and execute multiple deployments at the same time, improving productivity. For advanced users, Deployit also supports a Python command-line interface.

Extensible & Customizable Plugin Framework

Deployit's plugin framework makes it easy to add custom deployment functionality and to fine-tune the calculated sequence of steps of your deployment processes at several levels of detail. The extensible framework allows you to include custom middleware stacks and applications. Deployit ships with a middleware integration test framework and TCK.

Transparent Analytics & Reports

Deployit provides IT management with instant overviews of the state of their operational landscape. How many deployments were performed, on what servers, using what conditions and parameters? Deployit keeps a complete change history for auditing and traceability purposes. By presenting these data in comprehensible reports, Deployit helps to pinpoint bottlenecks in order to further streamline development and operations activities.

About Xebialabs

Xebialabs is the leading provider of Deployment Automation solutions. With its flagship product Deployit, Xebialabs automates Java EE deployments in an enterprise environment. Deployit allows organizations to manage their middleware environments by predictably executing and automating their Java application deployments. Xebialabs was founded in 2008, and currently serves many customers around the world. Xebialabs is an international company with offices in the USA, France, Sweden, Germany, Netherlands and India. In other countries, Xebialabs works through a network of local representatives.

For more information, please contact us or visit: www.xebialabs.com

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