uDeploy

Resources about the use of IBM uDeploy. uDeploy is an automation deployment framework that reduces deployment errors and improves efficiency, correctness, and traceability.

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Below we have compiled publicly available sources from around the world that present views on uDeploy.

Perspectives on uDeploy

Gartner Magic Quadrant: Application Release Automation

Gartner. Download the full report

• The uDeploy REST API

If you use IBM Urbancode Deploy (as uDeploy is now called) at all, you will notice its simplicity. And rightly so as a deployment automation tool should not re-invent the way deployment automation is done. Urbancode Deploy simply organizes and collects deployment processes and steps.

Read the article on drschrag.wordpress.com »

• 3 Ways to Avoid Failure in Application Deployment

In my previous post, I discussed six causes of system failures and their resulting negative impacts for enterprises. How can one avoid failure? Using IBM Cloud Orchestrator and Urban Code Deploy, for example, gives organizations access to ready-to-use patterns that help accelerate configuration, provisioning and deployment.

Read the article on www.ibm.com »

• Apprenda and IBM UrbanCode Deploy Enable Continuous Delivery in the Enterprise 2016
  apprenda.com
• New for 2016: DevOps RoundUp from Real Users of CA, HPE and IBM
  devopsdigest.com

Vendor Information

• IBM UrbanCode Deploy Official Product Page

IBM UrbanCode Deploy orchestrates and automates the deployment of applications, middleware configurations and database changes into development, test and production environments.

Read the article on ibm.com »

• UrbanCode Deploy Plugins & Integrations
  2016
  IBM
devops.ibm.com
• uDeploy on Twitter
twitter.com
How To

- **Behind the Demo: Urban(Code) Renewal**
  Our story so far: Island Training took on a challenge to create an interesting and engaging live demo of an end-to-end DevOps process. We set a 10-minute limit for the full demo cycle, from requirement to deployed personalized tickets. In this chapter, we'll explain how UrbanCode Deploy played a key role in meeting the 10-minute demo deadline.
  Read the article on islandtraining.com »

- **How to Extend IBM UrbanCode Deploy’s Automation Capabilities to the Database**
  DBmaestro TeamWork offers an integration with IBM UrbanCode Deploy by enhancing it with the required functionality to include database build & deployment tasks. This post covers the integration of UrbanCode Deploy with DBmaestro.
  Read the article on www.dbmaestro.com »

- **Deployments of Hybrid Applications as Docker Containers with IBM UrbanCode on Bluemix**
  IBM Bluemix provides built-in DevOps services to manage source code and to build, test and deploy applications to Bluemix. This works well for many scenarios, esp. when deploying single applications to Bluemix via delivery pipelines. For more complex scenarios IBM provides the Continuous Delivery toolset UrbanCode to deploy hybrid applications to the cloud and on-premises and to deploy composite applications with multiple components or microservices. In this blog entry I focus on how to deploy hybrid applications as Docker containers to Bluemix and an on-premises.
  Read the article on heidloff.net »
  - IBM UrbanCode Deploy 6.2.0 - Create a Simple helloWorld Deployment
    www.ibm.com
  - IBM UrbanCode Deploy Automation Plugin Development
    2016
    126kr.com
  - requestApplicationProcess - Run an Application Process for UrbanCode Deploy
    www.ibm.com
  - How to publish artifacts from jenkins to udeploy
    stackoverflow.com

Integrations with Udeploy

- DBmaestro - IBM UrbanCode Deploy Integration
  www.dbmaestro.com
- Visual Studio - Integrate with IBM UrbanCode Deploy
  marketplace.visualstudio.com

Academic Papers

- eBook: Udeploy - A Unified Deployment Environment
  link.springer.com

Training

- Essentials of IBM UrbanCode Deploy 6.2 - DevOps
  www.royalcyber.com
Further Reading

- **Release and Deployment Automation List of Tools** — Resources on all popular tools used to automate release management, and more specifically to automate deployment of complex software applications in an organizational context.
  - **Atlassian Bamboo** — Resources about the use of Atlassian Bamboo. Bamboo is a continuous integration server from Atlassian, the makers of JIRA, Confluence and Crowd.
  - **Attunity** — Resources about the use of Attunity Maestro. Maestro is a workflow management and automation platform by Attunity Ltd. It Orchestrates and Automates data transmission and deployment processes of Big Data, applications, and large-file assets.
  - **Automic** — Resources about the use of Automic Release Automation. Automic Release Automation Automates your deployments once and runs them without human intervention at any speed, as an integral part of your continuous integration builds.
  - **AutoRABIT** — Resources about the use of AutoRABIT. AutoRABIT provides end-to-end release management for SalesForce.
  - **Basis Software** — Resources about the use of the release management tool by Basis Technologies. Basis provides release and change automation for SAP.
  - **BMC** — Resources about the use of BMC Release Process Management. BMC Release Process Management helps you quickly deploy changes to your business-critical applications more frequently, at lower cost, and with fewer errors.
  - **BuildBot** — Resources about the use of BuildBot. BuildBot is a Continuous Integration framework that addresses CI, CD and release management.
  - **Build Forge** — Resources about the use of IBM Build Forge. Build Forge automates and accelerates build and release processes. It offers an adaptive execution framework that creates a software assembly line to automate and accelerate software delivery.
  - **AnthillPro** — Resources about the use of IBM AnthillPro. AnthillPro automates the process of building code into software projects and testing it to verify that project quality has been maintained.
  - **CA Release Automation (Nolio)** — Resources about the use of CA Technologies CA Release Automation (Nolio). CA Release Automation offers continuous delivery with application release automation tools for agile software development.
  - **CFEngine** — Resources about the use of CFEngine. CFEngine allows you to automate large-scale, complex and mission critical IT infrastructure.
  - **Clarive** — Resources about Clarive, a DevOps and Release Management platform for the enterprise, which includes configuration management, provisioning, deployment, and dynamic intelligence for delivery processes.
  - **CSC Cloud** — Resources about the use of CSC Cloud DevOps. CSC Cloud Software Release Manager accelerates software releases and promotes builds and environments across the SDLC.
  - **Distelli** — Resources about the use of Distelli continuous delivery. Distelli’s continuous delivery solution streamlines the way you build, test and deploy your applications.
  - **Electric Cloud** — Resources about the use of Electric Cloud. Electric Cloud automates, accelerates and analyzes the software build, test, and deployment process.
  - **Fastlane** — Resources about the use of Fastlane's release management tool. Fastlane unifies and automates the release process for iOS applications.
  - **Flexagon** — Resources about the use of Flexagon FlexDeploy. FlexDeploy is a DevOps and Application Release Automation product which streamlines the process of building and deploying applications and other related artifacts across on premise and cloud environments.
  - **GitHub** — Resources about the use of GitHub for deployment and release management. GitHub is a Web-based Git repository hosting service. It
offers all of the distributed revision control and source code management (SCM) functionality of Git as well as adding its own features.

- **glu** — Resources about the use of glu. glu is a free/open source deployment and monitoring automation platform.
- **Gradle** — Resources about the use of Gradle Release Automation Plugin. Gradle enables automating release management when using Git or Subversion as VCS.
- **HeathDeploy** — Resources about the use of Heathwest HeathDeploy. HeathDeploy provides tools to improve the deployment and enhance the management of business critical applications.
- **HP Operations Orchestration** — Resources about the use of HP Operations Orchestration. Operations Orchestration is an IT Automation tool used for release management.
- **Inedo** — Resources about Inedo, a DevOps platform for the enterprise, which offers universal package management, application release automation, and infrastructure as code.
- **Microsoft TFS and Visual Studio Release Management** — Resources about the use of Microsoft TFS and Visual Studio. Release Management for Visual Studio 2013 enables additional capabilities in Team Foundation Server 2013 to automate complex deployments to a variety of target environments.
- **Octopus Deploy** — Resources about the use of Octopus Deploy. Octopus Deploy works with your build server to enable reliable, secure, automated releases of ASP.NET applications and Windows Services.
- **OpenMake** — Resources about the use of OpenMake Release Engineer. Release Engineer is an ARA DevOps solution that deploys to multi-platform servers, clouds, or containers.
- **Plutora** — Resources about the use of Plutora Release Manager. Plutora is an enterprise cloud SaaS for release, test environment and deployment management.
- **Redgate Software** — Resources about the use of Redgate Software SQL Developer Suite. Redgate provides tools for source control, continuous integration, and continuous delivery.
- **Rocket Software** — Resources about the use of Rocket Software. Rocket automates the software lifecycle by moving release packages through lifecycle stages and deploying files to appropriate targets automatically.
- **SCM-Manager** — Resources about the use of SCM-Manager. SCM-Manager provides automated release management with Jenkins and Sonatype Nexus.
- **Micro Focus - Serena** — Resources about the use of Serena Deployment Automation by Micro Focus - a process automation solution that orchestrates complex deployments across enterprise environments.
- **uDeploy** — Resources about the use of IBM uDeploy. uDeploy is an automation deployment framework that reduces deployment errors and improves efficiency, correctness, and traceability.
- **ServiceNow** — Resources about the use of ServiceNow Change and Release Management. ServiceNow provides change and release capabilities including a change calendar, risk and impact calculation, and change collision detection.
- **UrbanCode** — Resources about the use of IBM UrbanCode release automation. UrbanCode release automation is a tool for automating application deployments across your environments.
- **XebiaLabs** — Resources about the use of XebiaLabs release and deployment management. XebiaLabs provides software release pipelines for Continuous Delivery.
- **VersionOne** — Resources about VersionOne, an all-in-one enterprise solution for software organizations scaling agile and DevOps. VersionOne solutions include an agile ALM platform, scaled agile framework, DevOps for continuous delivery, and an enterprise integration hub.

- **Configuration Management List of Tools** — Resources about major tools used for configuration management, as part of the release management process.
- **Ansible** — Resources about the use of Ansible. Ansible provides app deployment, configuration management and orchestration.
- **Chef Configuration Management** — Resources about the use of Chef. Chef automate how you build, deploy, and manage your infrastructure.
- **CMDB** — Resources on the use of Configuration Management Databases (CMDB). A CMDB is a repository that holds a collection of IT assets, known as configuration items (CI), allowing IT organizations to manage these assets.
- **Puppet Labs** — Resources about the use of Puppet, a configuration management tool. Puppet provides automated configuration management that eliminates a lot of manual work, and creates greater stability and predictability.
- **Salt Configuration Management** — Resources about the use of Salt - orchestration and automation software for CloudOps, ITOps and DevOps at speed and scale.
- **Vagrant Configuration Management** — Resources about the use of Vagrant in the context of configuration management. Vagrant provides easy to configure, reproducible, and portable work environments with a single consistent workflow.

**Gartner Magic Quadrant: Application Release Automation**

[Gartner. Download the full report](#)

**Suggest a Resource!**

Know an online resource which could be relevant for this wiki page? We're constantly updating our wiki and will be happy to review it!

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