

# Urbancode Deploy

**DevOps Team**

Author Designation

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# Integration of UrbanCode Deploy with Git on windows

## Component creation:

IBM UrbanCode Deploy

dW admin

IBM

Welcome	Dashboard	<b>Components</b>	Applications	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Components

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Components Templates

0  
Failed Version Import

0  
Importing Version

0  
No Version

2  
Successful

0  
No Artifact

Create Component Import Components Actions... Flat list

<input type="checkbox"/>	Name ▲	Latest Import	Latest Version	Template	Description	Created	By
	<input type="text" value="Component Name"/> <input type="text" value="Tags"/>				<input type="text"/>		

Create Component ?

Name \*

gitdemo

Description

Teams

+

Component Template

None

Component Type

Standard

Version Source Configuration

Source Configuration Type

Git

Repository URL \*

https://github.com/BalipalliGayathri/sample.git

Branch \*

master

Username

BalipalliGayathri

Password

\*\*\*\*\*

Watch for tags

☐

Includes

\*/

Excludes

GIT Path \*

C:\Program Files\Git\cmd\git.exe

Preserve Execute Permissions

☐

Extensions of files to Convert

.txt,.log,.properties

Import Versions Automatically

☐

Copy to CodeStation

☒

Default Version Type \*

Full

☒ Use the system's default version import agent/tag.

☐ Import new component versions using a single agent.

☐ Import new component versions using any agent with the specified tag.

Cleanup Configuration

Inherit Cleanup Settings

☒

Run Process after a Version is Created

☐

Save

Cancel

## Version Importing:

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Welcome Dashboard **Components** Applications Configuration

Processes Resources Calendar Work Items Reports

Settings

Home > Components > GitDemo

Component: GitDemo (show details)

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Dashboard Usage Configuration Calendar **Versions** Processes Changes

**Import New Versions**

Version	Statuses	Type	Created By	Date	Description	Actions
	Statuses	Any				
cfaf5a5539462d7696d2cf666e6066483bf2f955		Full	UC Version Import	11/30/2017, 11:55 PM		Compare Delete Copy

1 record - Refresh Print

1 / 1 Rows 10

Currently Running Version Imports

Import Type	Agent	Start	End	Status	Actions
No executing version imports found.					

Refresh Print

## Component Process Creation:

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Welcome Dashboard **Components** Applications Configuration

Processes Resources Calendar Work Items Reports

Settings

Home > Components > GitDemo

Component: GitDemo (show details)

A version import failed. Check the component's configuration for more details.

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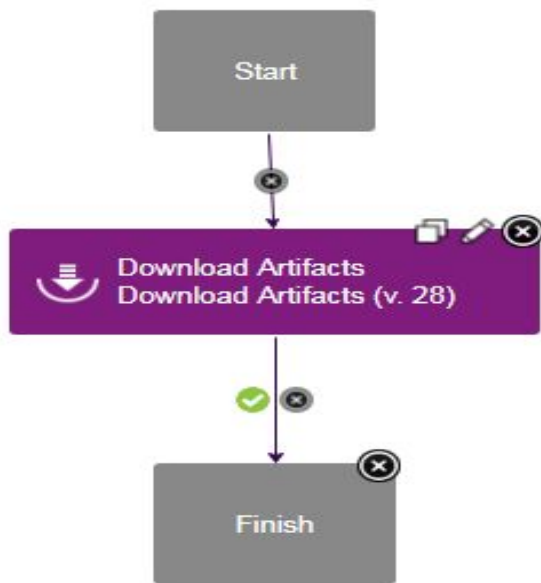
Dashboard Usage Configuration Calendar Versions **Processes** Changes

**Create Process**

Process	Description	Actions
gitprocess		Edit Copy Delete

1 record - Refresh Print

1 / 1 Rows 10



## Application Creation:

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Welcome	Dashboard	Components	<b>Applications</b>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications

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Applications Templates

Create Application Import Applications Actions... Flat list

<input type="checkbox"/>	Name	Template	Description	Created	By
<input type="checkbox"/>	gitDemo Application			11/30/2017, 11:56 PM	admin
<input type="checkbox"/>	Nodejs Application			12/19/2017, 2:10 AM	admin
<input type="checkbox"/>	RFT application			12/12/2017, 6:45 PM	admin

3 records - Refresh Print

1 / 1

Rows 10

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?

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<a href="#">Welcome</a>	<a href="#">Dashboard</a>	<a href="#">Components</a>	<a href="#">Applications</a>	<a href="#">Configuration</a>
<a href="#">Processes</a>	<a href="#">Resources</a>	<a href="#">Calendar</a>	<a href="#">Work Items</a>	<a href="#">Reports</a>
<a href="#">Settings</a>				

Home > Applications

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Applications

Templates

Create Application

Import Applications

Actions...

Flat list

<input type="checkbox"/>	Name	Template	Description	Created	By

Create Application

Name \*

gitdemo

Description

Teams

+

Application Template

None

Notification Scheme

None

Enforce Complete Snapshots

☐

Create

Cancel

## Environment creation:

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Welcome	Dashboard	Components	<b>Applications</b>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo

Application: gitdemo (show details)

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**Environments** | History | Configuration | Components | Blueprints | Snapshots | Processes | Calendar | Changes

**Create Environment** | Compare Environments

Drag environments by their names to re-order them. 0 Environments

Search by Name or Search by Blueprint

Expand All Collapse All

No Environments Found!

Home > Applications > gitdemo

Application: gitdemo (show details)

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Environments | History | Configuration | **Components** | Blueprints | Snapshots | Processes | Calendar | Changes

**Create Environment** | Compare Environments

Drag environments by their names to re-order them. 1 Environment

Search by Name or Search by Blueprint

Expand All Collapse All

▶

test

Snapshot: None

Compliance: 0 / 0

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Welcome	Dashboard	Components	Applications	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo

Application: gitdemo (show details)

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Environments | History | Configuration | Components | Blueprints | Snapshots | Processes | Calendar | Changes

Add Component

0

Failed Version Import

0

Importing Version

0

No Version

0

Successful

Name	Actions	Last Import	Last Version	Description
No components have been added to this application.				

Refresh Print

Add a Component

Select a Component \*

1 Selected

Clear Selection

GitDemo

Save

Cancel



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Welcome	Dashboard	Components	<u>Applications</u>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo

Application: **gitdemo**
(show details)

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Environments

History

Configuration

**Components**

Blueprints

Snapshots

Processes

Calendar

Changes

Add Component

0

Failed Version Import

0

Importing Version

0

No Version

1

Successful

Name	Actions	Last Import	Last Version	Description
GitDemo	Run Process Remove	Successful	cfa5a5539462d7696d2cf666e6066483bf2f955	

1 record - Refresh Print

1 / 1

Rows 10

## Application Process creation:

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Welcome	Dashboard	Components	<u>Applications</u>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo

Application: **gitdemo**
(show details)

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Environments

History

Configuration

Components

Blueprints

Snapshots

**Processes**

Calendar

Changes

Create Process

Process	Description	Actions
No processes have been added to this application.		

Refresh Print

### Create an Application Process ✕

**Name \***

**Description**

**Inventory Management \***

**Offline Agent Handling \***

**Required Role**

**Save** **Cancel**

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Welcome	Dashboard	Components	<b>Applications</b>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo > **Processes** > Process: Deploy Gitdemo

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**Design** | Configuration | Inventory Changes | Changes

Type to filter

Application Steps

Clipboard

Component Process Steps

Utility Steps

Save

Revert

Print

+

+

+

+

+

+

Autolayout

Version 1 of Show help

Start

Finish

Edit Properties for Install Component

Name \*

Install: "GitDemo"

Component \*

GitDemo

Use Versions Without Status \*

Active

Component Process \*

gitprocess

Limit to Resource Tag

Maximum number of concurrent processes \*

-1

Fail Fast

☐

OK

Cancel

IBM UrbanCode Deploy				
<div> <span>dw</span> <span>admin</span> <span></span> <span>IBM</span> </div>				
Welcome	Dashboard	Components	<u>Applications</u>	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo > Processes > Process: Deploy Gitdemo

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Design
Configuration
Inventory Changes
Changes

Type to filter
Save
Revert
Print
Autolayout
Version 1 of Show hel

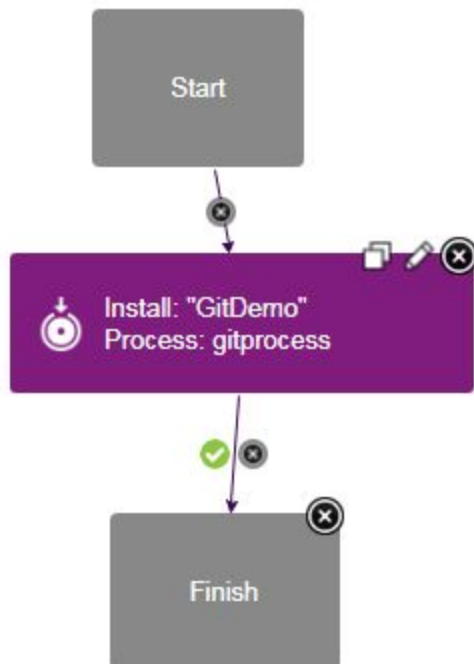
Application Steps

- Install Component
- Uninstall Component
- Rollback Component
- Run Process for Each Version
- Apply Configuration
- Install Multiple Components
- Uninstall Multiple Components
- Run Operational Process for Multiple C
- Rollback Multiple Components
- Run Generic Process for Each Affected
- Finish

```

graph TD
    Start(( )) --> Install[Install: "GitDemo" Process: gitprocess]
    Install --> Finish[Finish]

```



## Resource Mapping:

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Welcome	Dashboard	Components	Applications	Configuration
Processes	<u>Resources</u>	Calendar	Work Items	Reports
Settings				

Home > Resources

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Resource TreeResource TemplatesAgentsAgent RelaysAgent PoolsCloud Connections

Create Top-Level GroupSelect All...Actions...Show

<input type="checkbox"/>	Name	Inventory	Status	Description
	Resource NameTags			
<input type="checkbox"/>	gitDemo			
<input type="checkbox"/>	test-agent (View Agent)		Online	
<input type="checkbox"/>	GitDemo (View Component)	ctaf5a5539462d7696d2cf666e6066483bf2f955		

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Welcome	Dashboard	Components	Applications	Configuration
Processes	<u>Resources</u>	Calendar	Work Items	Reports
Settings				

Home > Resources

This IBM UrbanCode Deploy server is in evaluation mode until Jan 26, 2018. An extended evaluation license or a purchased product license key can be added by connecting to a Rational License Key Server on the System Settings page.

Resource TreeResource TemplatesAgentsAgent RelaysAgent PoolsCloud Connections

Create Top-Level GroupSelect All...Actions...Show

Create Resource ?

Name \*

gitdemo

Include Agents Automatically

☐

Description

Teams

+

Save

Cancel

Create resource folder, add agent and component to that folder

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Welcome	Dashboard	Components	Applications	Configuration
Processes	Resources	Calendar	Work Items	Reports
Settings				

Home > Applications > gitdemo > Environments > Environment: test

### Environment: test for gitdemo

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Resources
History
Calendar
Configuration
Changes

No Desired Inventory

Add Base Resources
Select All...
Actions...
Show

<input type="checkbox"/>	Name	Inventory	Status	Description
	Resource Name	Tags		

No resources have been added yet.

Refresh Print

Add Resource to Environment

<input type="checkbox"/>	Name	Inventory	Description
	<div>Resource Name</div> <div>Tags</div>		
<input checked="" type="checkbox"/>	gitDemo		
<input type="checkbox"/>	test-agent		
<input type="checkbox"/>	GitDemo	cfa5a5539462d7696d2cf666e6066483bf2f955	
<input type="checkbox"/>	RTF		
<input type="checkbox"/>	test-agent		
<input type="checkbox"/>	RFTDemo		

Refresh Print

OK

Cancel

## Running the application:

Run Process on test

Only Changed Versions

☒

Process \*

Deploy Gitdemo

Select a snapshot, or choose versions for individual components.

Snapshot

Component Versions

Versions

1 selected (Choose Versions)

Schedule Deployment?

☐

Description

Submit

Cancel



Component Versions

Select For All...

☐ Show only changed components

☐ Allow invalid versions

Component	Current Environment Inventory	Versions to Deploy
GitDemo	None	<div>ctaf5a5539462d7696d2cf666e6066483bf2f955</div> <div>Add...</div>

1 record

1

/ 1

Rows

10

OK

## Output:

IBM UrbanCode Deploy

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IBM

Welcome

Dashboard

Components

Applications

Configuration

Processes

Resources

Calendar

Work Items

Reports

Settings

Home > Components > GitDemo > Process Request on GitDemo

Deployment of Component: GitDemo (show details)

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Log

Properties

Execution

Start

11:59:06 PM

Progress

1 / 1

Status

Success

Duration

0:00:07

End

11:59:14 PM

Download All Logs

Expand All Collapse All

Step	Progress	Start Time	Duration	Status
1. Download Artifacts		11:59:06 PM	0:00:07	Success
Total Execution	1 / 1	11:59:06 PM	0:00:07	Success



