



iDeployIt 1.0 is here!

iDeployIt is a flexible Software Deployment tool for today's software deployment scenarios. It allows for local distributions and complex remote multi-server environments deliveries. It provides business logic gates to control and configure software before, during and after deployment, using configurable triggers. iDeployIt integrates with all CM tools or build processes providing version control extraction, software building and post-delivery customization as part of a deployment.

iDeployIt provides a straightforward model for the application infrastructure and governance models. Define users who can deploy, determine products to be deployed, where deployments are installed and any configuration scripts are stored for each product. Once defined, use the intuitive natural language interface to deploy, no need to know passwords or any of the details. Views provide a detailed accounting of all deployments in a centralized web-enabled interface. The ability to compare deployments against other deployments to look for problems, bottlenecks, or deployment details.

Some iDeployIt features:

- Natural Language CMD interface
- Real-time Web-Enabled Interface
- Detailed Build-of-Materials
- Versioned Deployments
- Fine Grained User Permissions
- Multiple parallel shippers/receivers
- Triggerable Events During Deployment
- Pie-chart, Time Breakdown of Deployment Step Execution
- History Comparison Graphs of Past Deployments.
- Integrates with all CM and Build Tools
- Push or Pull Continuous Build or Deployment Capable
- Drill-down Deployment Details reporting

The screenshot shows the iDeployIt web interface. On the left, there's a sidebar with the iDeployIt logo and 'Acme, Inc. Deployment History'. Below this, there are controls for 'Auto Refresh' (On/Off), 'Filter By' (States, Locations, Products, Users, Releases, Deploy UUIDs), and a 'Viewing Trend' section with options for Duration, Size, and Bandwidth. A graph shows deployment performance over time, with a highlighted entry: '0410.1591798824: abs_web was deployed over a time of [1m 3s]'. The main area is a table titled 'Current Filter Matches 99 of 99 Known (Acme, Inc.) Deployments'.

Time	Deploy UUID	User ID	Location	Deploy State	Product	Release
Jun 10 10:43:50 2020	0200.1591800229	cclarke3	loca		DemoProduct*	REL_11.2*
Jun 10 10:43:49 2020	0200.1591800229	cclarke3	atl_buckhead		DemoProduct	REL_11.2*
Jun 10 10:43:48 2020	0109.1591800228	cclarke3	atl_buckhead	ⓘ	DemoProduct_r109*	REL_11.2*
Jun 10 10:43:47 2020	0108.1591800227	cclarke3	atl_buckhead		DemoProduct_r108*	REL_11.2*
Jun 10 10:43:46 2020	0107.1591800226	cclarke3	atl_buckhead		DemoProduct_r107*	REL_11.2*
Jun 10 10:39:57 2020	0410.1591799997	cclarke3	godaddy	✓	abs_web*	REL_11.0*
Jun 10 10:35:51 2020	0200.1591799751	rcarter	loca	⊕	DemoProduct	REL_11.0
Jun 10 10:35:50 2020	0200.1591799750	slewand	atl_buckhead	⊕	DemoProduct	REL_11.0
Jun 10 10:35:49 2020	0109.1591799749	cclarke3	atl_buckhead	✓	DemoProduct_r109	REL_11.0
Jun 10 10:35:48 2020	0108.1591799748	cclarke3	atl_buckhead	✓	DemoProduct_r108	REL_11.0
Jun 10 10:35:47 2020	0107.1591799747	cclarke3	atl_buckhead	✓	DemoProduct_r107	REL_11.0
Jun 10 10:29:30 2020	0101.1591799370	slewand	atl_buckhead	✗	DemoProduct_r101*	REL_10b*
Jun 10 10:28:51 2020	0110.1591799331	cclarke3	atl_buckhead	✓	DemoProduct_r110*	REL_10b*
Jun 10 10:20:24 2020	0410.1591798824	cclarke3	godaddy	✓	abs_web	REL_9.2
Jun 10 10:15:06 2020	0200.1591798506	slewand	loca	⊕	DemoProduct	REL_9.1.2
Jun 10 10:15:05 2020	0200.1591798505	rcarter	atl_buckhead	⊕	DemoProduct	REL_9.1.2
Jun 10 10:15:04 2020	0109.1591798504	cclarke3	atl_buckhead	✓	DemoProduct_r109	REL_9.1.2
Jun 10 10:15:03 2020	0108.1591798503	cclarke3	atl_buckhead	✓	DemoProduct_r108	REL_9.1.2

Deployment Details

View real-time deployment details with graphical representations of each step and the deployment as a whole. See *Deployment Log* entries containing details of the deployment including custom content written directly from your deployment scripts. Access Deployment's *Bill-of-Materials* or *Time Usage Graph*.

Region: **Acme, Inc.**
 Deployment of: **DemoProduct_r109 (REL_11.2)**
 from: "atl_buckhead"
 to: "atl_buckhead"

Jun 10 2020 11:14:40 GMT-0400 (Eastern Daylight Time)

Deploy UUID: **0109.1591800228** Deployed by User: **cclarke3**

atl_buckhead ✓ atl_buckhead ✓

The task 'receiver_pre_op_trigger' completed OK.
 Refer to deployment log entries [36 - 40] below.

Sort Log: Most recent entries at top
 Most recent entries at bottom

Bill of Materials Time Usage Graph

[##]	Time	Entry
[34]	Jun 10 10:44:12 2020	receiver_received_packet=started
[35]	Jun 10 10:44:12 2020	receiver_received_packet=completed_OK
★★-vv- task 'receiver_pre_op_trigger' -vv-★★		
[36]	Jun 10 10:44:12 2020	receiver_pre_op_trigger=started
[37]	Jun 10 10:44:12 2020	↳ In the pre_receive_trigger at atl_buckhead for the deplo
[38]	Jun 10 10:44:12 2020	↳ deploying product = DemoProduct (REL_11.2)...
[39]	Jun 10 10:44:12 2020	↳ Trigger was executed in 0.111 seconds
[40]	Jun 10 10:44:12 2020	receiver_pre_op_trigger=completed_OK
★★-^^- task 'receiver_pre_op_trigger' -^^-★★		
[41]	Jun 10 10:44:12 2020	receiver_unpackaging=started
[42]	Jun 10 10:44:12 2020	↳ Package was extracted in 0.052 seconds
[43]	Jun 10 10:44:13 2020	↳ Package was decrypted in 0.240 seconds
[44]	Jun 10 10:44:13 2020	↳ Package was uncompressed in 0.222 seconds
[45]	Jun 10 10:44:13 2020	↳ Package was UNTARed in 0.342 seconds

View Deployment Identification information.

Visual Overview of deployment step states and full deployment states.

Quick access to the Bill-of-Materials and a Time Usage Graph dialogs.

Detailed Logging of each deployment step. Allows for custom messages to be displayed in the log. Scripts that provide status information are captured and displayed for review.



Deployment Bill-of-Materials

Quickly see everything that was selected for the deployment including deployment triggers. Deployments are version controlled, allowing for repeatable redeployments and easy rollbacks.

Acme, Inc.
Deployment Package Bill of Materials (BOM)

Product (Release): WebProduct (Rel1.7b)
Contents: 19 files + 3 directories = 22 file system objects
Deployment Triggers: + 2 sender deployment triggers (710.pre.txt & 710.post.txt)
Package Size: 71.488 K
Sourced Directory: C:\demo_abs_web\web_dir
Staged Directory: c:\cots\abs\iDeployIt\deploy_bay_staging\WebProduct\Rel1.7b\web_dir
Initial Stage Time: Sat May 16 11:07:34 2020
View: Source Dir Staging Dir Relative Dir 710.pre.txt 710.post.txt


----- BOM ("Source Dir" view) -----

```
[01] directory: C:\demo_abs_web\web_dir
[02] directory: C:\demo_abs_web\web_dir\images
[03] directory: C:\demo_abs_web\web_dir\pages
[04] file: C:\demo_abs_web\web_dir\home.html
[05] file: C:\demo_abs_web\web_dir\images\1.jpg
[06] file: C:\demo_abs_web\web_dir\images\3.jpg
[07] file: C:\demo_abs_web\web_dir\images\devopos_gears.jpg
[08] file: C:\demo_abs_web\web_dir\images\step_0.gif
[09] file: C:\demo_abs_web\web_dir\images\step_1.gif
[10] file: C:\demo_abs_web\web_dir\images\step_10.gif
[11] file: C:\demo_abs_web\web_dir\images\step_11.gif
[12] file: C:\demo_abs_web\web_dir\images\step_2.gif
```


iDeployIt - © 2020 by A Better Solution, Inc.

Deployment Time-Usage Graph















Identify bottlenecks using the Deployment Time Usage Graph. Quickly identify steps that took a significant amount of time and view their details with a single click.




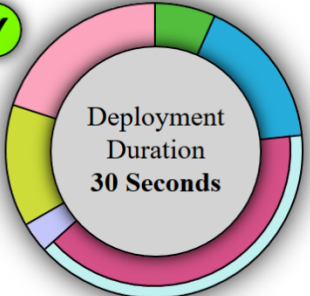
Acme, Inc.

Deployment Time Usage Graph 

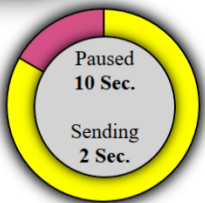
Product: **abs_web**
 Release: **Rel_410_1**
 From: **atl_buckhead**
 To: **godaddy**

	Deployment Step Name 	Duration 30 Sec.	Step Percent	Step State
	Queing	00	0.00%	
	local_staging	00	0.00%	
	local_pre_op_trigger	02	6.67%	
	local_packaging	05	16.67%	
	send_packet with  scheduled pause	12	40.00%	
	local_post_op_trigger	00	0.00%	






Deployment
Duration
30 Seconds



Paused
10 Sec.
Sending
2 Sec.

 "send_packet"


Jun 15 20:47:56 2020: send_packet=started
— transfer started...

Jun 15 20:47:57 2020: send_packet=paused - by defined local process

Jun 15 20:48:07 2020: send_packet=resumed - by user cclarke3@atl_buckhead
— 259.354 K sent in 1.417 seconds...

— with actual bandwidth = 183.030 K/second.

Jun 15 20:48:08 2020: send_packet=completed_OK

 - © 2020 by **A Better Solution, Inc.**



iDeployIt Management Overview

iDeployIt is a flexible Software Deployment tool for today’s software deployment scenarios. It provides business logic gates to control and configure software before, during and after deployment, using configurable triggers. iDeployIt integrates with all CM tools or build processes providing version control extraction, software building and post-delivery customization as part of a deployment. iDeployIt:

- Integrates with any CM tool or build processes
- Provides high volume local distributions and complex remote multi-server environments
- Provides policy driven business logic gates to control and configure software before, during and after deployment using triggers for each individual product
- Provides version-controlled deployments allow for easy rollback or redeployment
- Automates product deployments based on configuration (Policy) minimizing human error
- Has user-based permissions

Features	
<ul style="list-style-type: none"> • Natural Language CMD interface • Real-time Web-Enabled Interface • Detailed Build-of-Materials • Versioned Deployments • Fined Grained User Permissions • Encrypted Transport • Multiple Parallel Shipper Enablement 	<ul style="list-style-type: none"> • Triggerable Events During Deployment • Pie-chart Time Breakdown of Deployment Step Execution • History Comparison Graphs or Past Deployments. • Integrates with any CM or Build Tools • Push or Pull Continuous Build or Deployment Capable • Drill-down Deployment Details reporting • Multiple Parallel Receiver Enablement

System Requirements	
Supported Operating Systems	Windows 7 or higher - Windows Server 2012 or higher RedHat / Cent OS Linux SUSE Linux HP-UX AIX Solaris SunOS

License Requirements	
Minimum License Requirements	Requires one (1) license per Deployment Location. A license is not required for Receiving locations or environments. A single iDeployIt Shipper can deploy to unlimited iDeployIt Receiving locations or environments.
License Fee	For iDeployIt: Refer to A Better Solution, Inc. – iDeployIt Pricing

To read more about iDeployIt, visit

https://abs-consulting.com/_products/products_ideployit.shtml