

# SERENA DASHBOARD

# **Getting Started Guide**

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# Getting Started with Serena Dashboard

Serena Dashboard is a powerful reporting application that allows users at all levels of the organization to review project metrics that are most immediately relevant to them. Serena Dashboard runs on the Information Builders WebFOCUS platform, a rich business reporting tool that can aggregate key performance data from a variety of critical systems. Serena Dashboard presents data on your most essential key performance indicators (KPIs) with a fully configurable set of graphical charts, tabular data, and more.

## Serena Dashboard Overview

#### About Serena Dashboard

Serena Dashboard is a powerful reporting application that allows users at all levels of the organization to review project metrics that are most immediately relevant to them. Serena Dashboard runs on the Information Builders WebFOCUS platform, a rich business reporting tool that can aggregate key performance data from a variety of critical systems. Serena Dashboard presents data on your most essential key performance indicators (KPIs) with a fully configurable set of graphical charts, tabular data, and more.

#### What Is Included Out-of-the-Box

Right out-of-the-box, Serena Dashboard includes a number of KPI metrics designed to present critical data stored in the Serena Orchestrated ALM solutions, such as Serena Release Manager, Serena Development Manager, and Serena Requirements Manager. Once Serena Dashboard is installed and configured, you can immediately start track such KPIs as the following:

- Deployment tasks and status
- Release rates
- Break / fix rates across the deployment workflow
- Build success rates and details
- Defect submission and escape rates
- Project status
- Project duration
- Requirement approval status
- ChangeMan ZMF package status

And many more.

#### **Displaying Dashboard Metrics on Mobile Devices**

You can display Serena Dashboard metrics using a mobile device, such as an Apple iPad. Your administrator and configure the Dashboard server to enable mobile connections, and then you can set up your mobile device to connect to the Dashboard server. For details on configuring mobile access on the Dashboard server and on connecting your device, please see Enabling Mobile Access.

## Using the Dashboard Out-of-the-Box

#### Logging in to Serena Dashboard

Enter the URL to Serena Dashboard in a browser. The default format is as follows:

http://server:port/dashboard/login

For example, if the server is called dashboard and the port number is 8080:

http://dashboard:8080/dashboard/login

Enter your username and password and click Log In. The user name and password are casesensitive.

#### Setting User Preferences

From the My Settings screen, you can choose a default view to see when you log in, reset your password, and set the order in which views appear in My Favorites.

To set your preferences:

- 1. Click the Settings button.
- 2. Under My Default Settings, choose the view that you would like to see when you log in from the Default View List.
- 3. Under Change My Password, you can enter a new login password. NOTE: You cannot change the password here if you are using a default admin account.
- 4. To change the order in which views are listed under My Favorites, select a view (or views) under Reorder My Favorites and click the Move Up or Move Down buttons as needed.
- 5. Click OK.

#### **Customizing Your Dashboard Views**

You can create views that display specific metrics. This allows you to customize your experience with Serena Dashboard so that when you log in, the first thing you see is whatever is most important for you. You can save multiple views with different metrics suited to different purposes, and lay out the metrics in the views however you like.

To set up your own custom view:

- 1. You can add a new view in either of the following ways:
  - First select an existing view from the Views view, click the Actions button, then select Copy View to Favorites. Then, to edit the copied view, display the My Favorites view, select the view that you just added to your favorites, click the Actions button and select Edit View.
  - From any view, click the Actions button and select Add New View.
- 3. From here, you can set the following:
  - General settings for the view. Under View Settings, the options include:
    - The title and description for your custom view.
    - The values for any custom attributes that your administrator has defined for metrics.
    - Under Access Level, whether this view is restricted to your view or visible to other users of your Serena Dashboard implementation.
  - Which metrics are displayed in the view, and how they are laid out. Under Metrics In View, the settings include:
    - Which metrics are available to lay out in the view. Click the Add button to add a new metric. A box appears representing the placement of a metric on the page.
    - How the metrics are laid out in the view. Click and drag in the middle of any metric box in order to move the metric to a different location in the view. Click on the top, bottom, or side walls of a metric and drag to resize it.

- To choose which metric displays in a box, select the box and choose the metric under Selected Metric. You must choose the package to which the metric belongs before you can select the metric itself.
- 2. Repeat these steps until you have chosen and arranged all of the metrics you want for this view.
- 3. Click Test to preview the changes.
- 4. Click OK to save changes.

#### **Out-of-Box Metrics for Serena Release Manager**

Serena Dashboard includes metrics on several Key Performance Indicators (KPIs) and metrics that are relevant to most release management organizations. These metrics are configured to work directly out-of-the-box with the default Release Manager configuration. Serena Dashboard pulls data from the following sources:

- The Release Manager process apps running on SBM.
- Dimensions CM.
- ChangeMan ZMF

The following metrics are included.

#### **Compare Release Trains**

The Compare Release Trains metric allows you to choose which release trains to compare:

| Compare Release Trains     |   |                    | ii.     |  |
|----------------------------|---|--------------------|---------|--|
| Select Two Release Trains: | 5 |                    |         |  |
| - Make Selection -         | - | - Make Selection - | eregmos |  |

And then evaluate the current status and stage of each:

| Compare Release Tra | ins             |   |   | 0 |
|---------------------|-----------------|---|---|---|
| Application Release | Release Version | Release Status  | Release Stage                             |   |
| Release Traint Sani | ty rt 009       | and the second se |   |   |
| sanity ar 009       | 1               | (None)  | Test Plan                                 |   |
| Release Train: Sani | ty rt 014       |   | S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. |   |
| senity ar 014       | 1               | (None)  | Test Plan                                 |   |

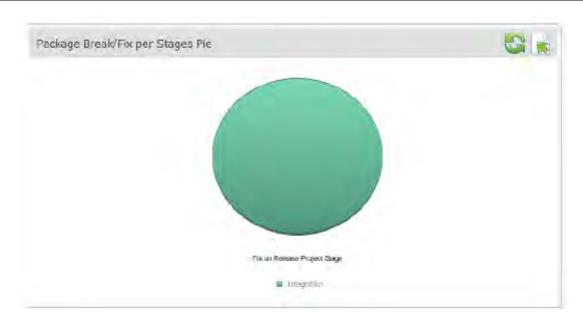
#### **Application Release Rates**

The Application Release Rates metric provides a bar chart that tells you the rate at which you are deploying requests and deployment units associated with an application.

#### Package Break / Fix Per Stages

The Package Brea / Fix Per Stages displays the number of break-fixes that have occured in specific workflow states, across all release packages You can display break-fixes in a bar chart or a pie chart. You can click a pie chart to display details about where the break-fixes occurred.

In the example below, 100% of break-fixes across all release packages occurred during the Integration stage:



#### **Deployment Tasks**

The deployment tasks metric is a tabular report of all current deployment tasks and their status. You can click a specific deployment task to display its application information.

#### **Release Train on Time**

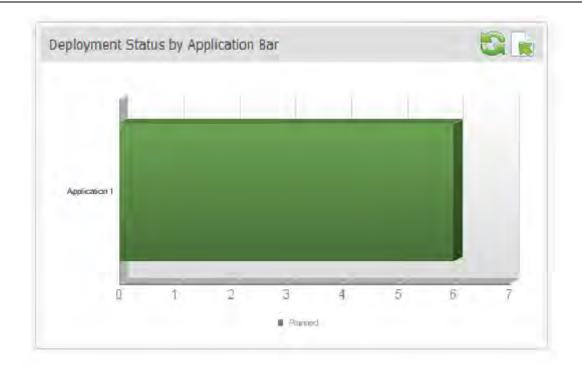
The Release Train on Time metric displays a pie chart that illustrates the number of release trains that are on time and that are delayed, as in the example below:



You can click the chart to display detailed information on status and deployment end-date for each release traiin.

#### **Deployment Status by Application**

You can display the specific status of deployment tasks in applications. For example, the following instance of the Deployment Status by Application Bar metric tells you that there are six tasks in the Planned stage associated with Application 1:



You can represent this data in a pie chart as well, and click a stage to display detailed tabular information about all deployment tasks.

#### **Deployment Status by Train**

With the Deployment Status by Train metric, you can display the specific status of a deployment task with a pie chart, bar chart, or tabular report. When you click the chart you can drill down into specific, detailed status information.

In the following example bar chart, you can see the number of open deployment tasks across three release trains. All of these tasks are in the Planned state.



#### **Out-of-Box Metrics for Serena Development Manager**

Serena Dashboard includes metrics on several Key Performance Indicators (KPIs) and metrics that are relevant to most development organizations. These metrics are configured to work directly outof-the-box with the default Development Manager configuration. The Dashboard pulls data from the following sources:

- The Development Control process apps running on SBM
- Dimensions CM, to display data on build success

#### **Build Success Rate**

This metric displays the percentage of builds that completed successfully. This data is pulled from Dimensions CM. For example:

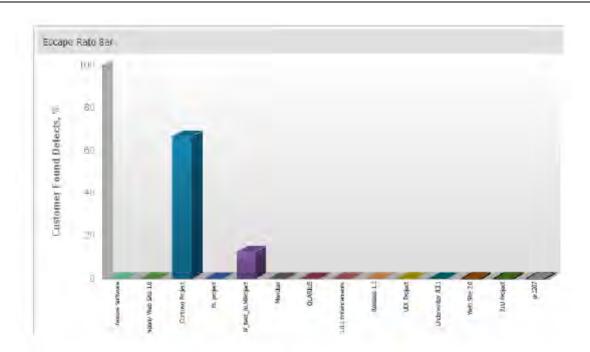


You can click the metric to see information about specific builds, including the name of the Dimensions CM build configuration, when the build stopped, and whether it succeeded.

| в. в    | uild Succe             | ess Rate |                   |                |        |
|---------|------------------------|----------|-------------------|----------------|--------|
| Success | Start Time             | Project  | Baseline          | Config Name    | User   |
| 6       | 2011/08/29<br>23:45:19 | QLARIUS  | WEBSITE_2,0-A_BLD | ANT_JAVA_BUILD | dmsys  |
| 6       | 2011/08/29<br>23:28:46 | QLARIUS  | WEBSITE_2.0-A     | ANT_JAVA_BUILD | dmsys  |
| ۲       | 2011/08/29<br>23:23:36 | QLARILIS | WEBSITE_2.0-A     | ANT_JAVA_BUILD | dmsys  |
|         | 2011/08/29<br>22:01:38 | QLARIUS  | WEBSITE_2.0-A     | ANT_JAVA_BUILD | dinsys |
| 6       | 2011/08/29             | QLARIUS  | WEBSITE_2.0-A     | ANT_JAVA_BUILD | dmsys  |

#### **Defect Escape Rate**

This metric displays the percentage of defects that are escaped. These are defects that were reported by users or customers, that were not found by internal testing.

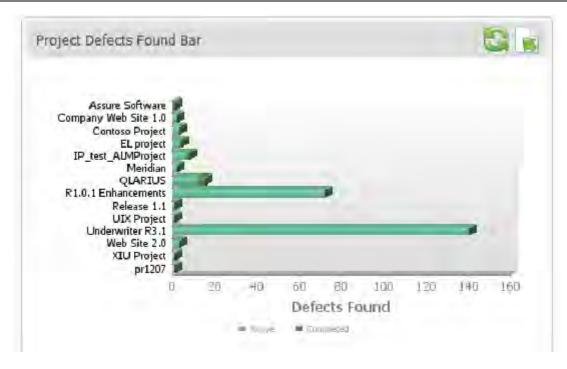


You can also display a Defect Escape Rate Gauge, which shows you the total number of escaped defects across your applications. In this example, there are very few escape defects.



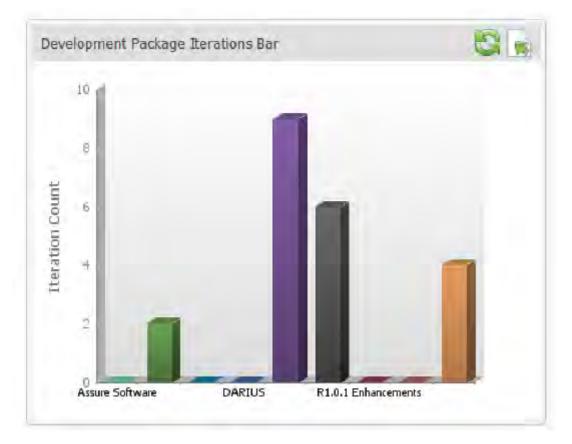
#### **Project Defects Found / Project Defects By Month**

These metrics (Project Defects Found and Project Defects by Month) display, in different colors, the number of active and inactive defects either for particular projects, or found on from month to month. The following is an example of Projects Defects Found.

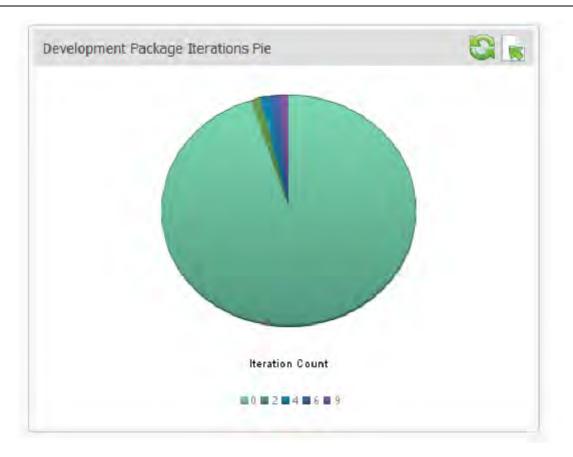


#### **Development Packages Iterations**

This metric displays the number of iterations that a development package has undertaken. You can display this data as a bar chart:



You can also display this data as a pie chart:

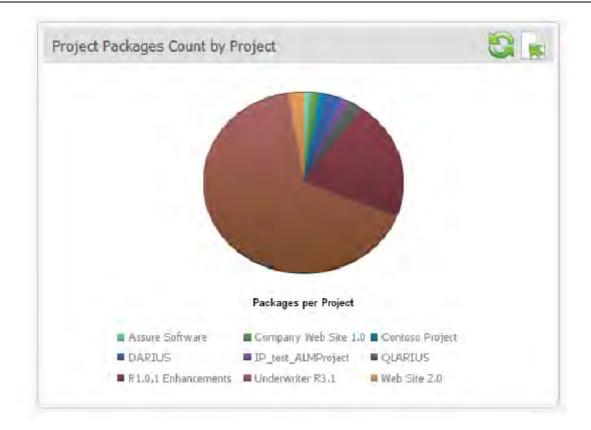


#### **Project Packages Count**

The Project Packages Count metric displays the total number of development packages contained in each project. You can display this data in a bar chart:

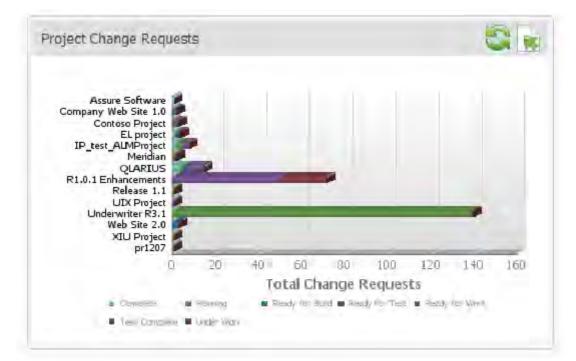
| roject Package Cou                      | nt |    |                      |    |    | C  |
|---|----|----|----------------------|----|----|----|
| Assure Software<br>Company Web Site 1.0 |    |    |                      |    |    |    |
| Conteso Project                         |    |    |                      |    |    |    |
| DARIUS                                  |    |    |                      |    |    |    |
| IP_test_ALMProject                      |    |    |                      |    |    |    |
| QLARDUS                                 |    |    |                      |    |    |    |
| R1.0.1 Enhancements                     |    |    |                      |    |    |    |
| Underwriter R3.1                        |    | -  |                      |    | 1  |    |
| Web Site 2.0                            |    |    |                      |    |    |    |
| Q                                       | 10 | 20 | 30<br>Paokage Count- | 40 | 50 | 60 |

You can also display this data in a pie chart.



#### **Project Change Requests**

This metric displays the number of open change requests against projects defined in ALM Projects. The change request count is pulled from the Dev Change Requests process app. The change requests are color-coded according to their current state, such as Planning, Ready for Build, Ready for Work, and Complete.



#### **Project Status**

The Project Status metric lists all current projects in the ALM Projects process app and displays their status as green, red, or yellow. This metric also lists the state that the project is currently in. You can click a project name to drill down into project state, start date, and end date.

| Project                 | Status | State        | Project<br>Manager      | Last<br>Modified |
|-------------------------|--------|--------------|-------------------------|------------------|
| Assure Software         | 9      | Inception    | Mira Project<br>Manager | 10/26/2011       |
| Company Web Site<br>1.0 |        | Construction | Administrator           | 08/29/2011       |
| Contoso Project         | •      | Construction | Mira Project<br>Manager | 08/31/2011       |
| DARIUS                  |        | Inception    | Mira Project<br>Manager | 12/15/2011       |
| EL project              | 0      | Elaboration  | Mira Project<br>Manager | 09/05/2011       |
| IP test ALMProject      | 9      | Inception    | Mira Project<br>Manager | 11/04/2011       |
| Meridian                | 0      | Inception    | Mira Project<br>Manager | 09/16/2011       |
| pr1207                  | 0      | Inception    | elutsishin              | 12/07/2011       |

#### **Project Duration**

The Project Duration metric displays the number of days that projects has spent in each phase of the development lifecycle. You can display this data in a bar chart, such as the following:

| roject Duration Bar |         |          |      |           |             |    |    |
|---------------------|---------|----------|------|-----------|-------------|----|----|
| Release 1.1         | 1       | J        |      |           |             |    |    |
| Underwriter R3.1    | 1       |          | 1    |           |             |    |    |
| 0                   | 10      | 20       | 30   | 40        | 50          | 60 | 70 |
|                     | Incepti | on Stage | Elab | oration 5 | tage<br>age |    |    |

You can display this data in tabular format as well:

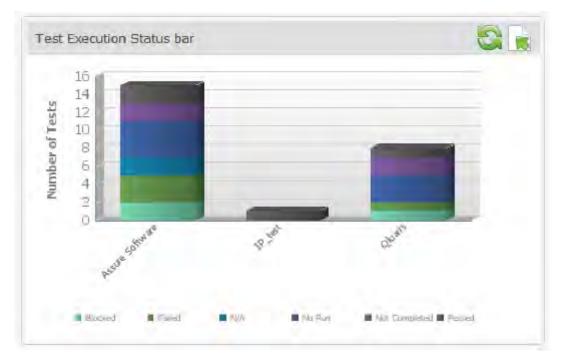
| roject Duration  |                 |                   |                   | 3                |
|------------------|-----------------|-------------------|-------------------|------------------|
| Projects         | Inception Stage | Elaboration Stage | Constuction Stage | Transition Stage |
| Underwriter R3.1 | 6               | D                 | 0                 | D                |
| Underwriter R3.1 | 6               | 25                | 0                 | 29               |
| Release 1.1      | 9               | 7                 | 0                 | U                |

The Release 1.1 project spent 9 days in the Inception stage and 7 days in the elaboration stage. Click any project name to detailed start and end dates for each phase:

| roject Duration  | r -  |  |  |                      | 3 |
|--|--|--|--|----------------------|---|
| Relea  | se 1.1   |  |  |                      |   |
| State:<br>Status:<br>Project Manag                         | Complete<br>Green<br>er: dutsishin                   |  |  |                      |   |
|  | Target Start Date                                    | Target End Date                        | Actual End Date                                      | On Time              |   |
| Inception:<br>Elaboration:<br>Construction:<br>Transition: | 12/08/2011<br>12/17/2011<br>12/24/2011<br>12/31/2011 | 12/17/2011<br>12/24/2011<br>01/31/2012 | 12/17/2011<br>12/24/2011<br>12/31/2011<br>12/31/2011 | No<br>No<br>No<br>No |   |
| Description  |  |  |  |                      |   |

#### **Test Execution Status Bar**

The Test Execution Status Bar metric provides a visual over view of the total number of tests and their status in each project, For example, in the following, you can see that there are two blocked tests (light green-blue) in the Assure Software project, and another two that have passed (black):



You can click any segment in the chart to see details on specific tests.

|    | Assure Soft                    | ware :: No      | Run     |           |
|----|--------------------------------|-----------------|---------|-----------|
| ID | Test Name                      | Test Folder     | OA      | Test Date |
|    | reschance                      | rescrouce       | - vy    | TEST DALE |
| 1  | Password input - positive case | Assure Software | hpadmin | ,         |
|    |                                |                 | -       |           |
| 1  | Password input - positive case | Assure Software | hpadmin |           |

#### **Out-of-Box Metrics for Serena Requirements Manager**

Serena Dashboard includes metrics on several Key Performance Indicators (KPIs) and metrics that are relevant to Product Managers who are responsible for defining and driving requirements approvals for new development. These metrics are configured to work directly out-of-the-box with the default Serena Requirements Manager configuration. The Dashboard pulls data from the following sources:

- The Requirements Manager process apps running on SBM
- Dimensions RM

#### **Average Requirement Approval Iteration Count Across Projects**

This metric displays a list of all projects, and the number of requirement approvals that have been tracked against each requirements document in that project.

| Average RA iteration | count across ALM Projects        |                |
|----------------------|----------------------------------|----------------|
| Average RA           | iteration count across A         | ALM Projects   |
| Project              | RM Document                      | Number of RA's |
| RQM Release 1        | ePhoto Requirements              | 30             |
|                      | ePhoto Marketing Reqs            | 30             |
| *Average Number o    | f RA's per Project RQM Release 1 | 30             |
| RQM Release 3        | ePhoto Marketing Reqs            | 1              |
| *Average Number o    | f RA's per Project RQM Release 3 | 1              |
| RQM Suite R2         | ePhoto Requirements              | 6              |
| *Average Number o    | f RA's per Project RQM Suite R2  | 6              |
| Test ALM Proj        | ePhoto Requirements              | 1              |
| *Average Number o    | f RA's per Project Test ALM Proj | 1              |
| TOTAL                |                                  | 13             |

#### **Requirement Approval Status Distribution Across Projects**

This metric displays the approval status of requirements approvals across all projects. You can display this in a table, as in the following example.

| R                      | A Status Distributi  | on Across   | Projec          | ts       |
|------------------------|--|-------------|-----------------|----------|
| Projects               | Requirements Approval  | Description | RA<br>Status    | Approver |
| R <u>QM</u><br>Release | ePhoto Requirements<br>Document Review 1                               |             | Not<br>Approved | (None)   |
|                        | ePhoto Requirements<br>Document Review 9.1 - Create<br>QA Requirements |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 9.1 - Create<br>Dev CRs         |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 9.1 - Create<br>Dev CRs         |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 9.3 - Create<br>QA Requirements |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 9.3 - Create<br>Dev CRs         |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 7 - Create<br>QA Requirements   |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 7 - Create<br>Dev CRs           |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 4 - Create<br>OA Requirements   |             | In<br>Progress  | (None)   |
|                        | ePhoto Requirements<br>Document Review 4 - Create                      | •           | In<br>Progress  | (None)   |

#### **Ratio of Requirements to Development Change Requests**

This pie chart visualizes the number of requirements that are / are not related to development change requests.

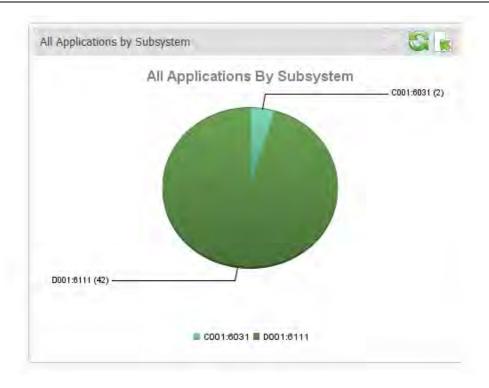


#### **Out-of-Box Metrics for ChangeMan ZMF**

Serena Dashboard includes metrics on several Key Performance Indicators (KPIs) and metrics that report on Serena Changeman ZMF data.

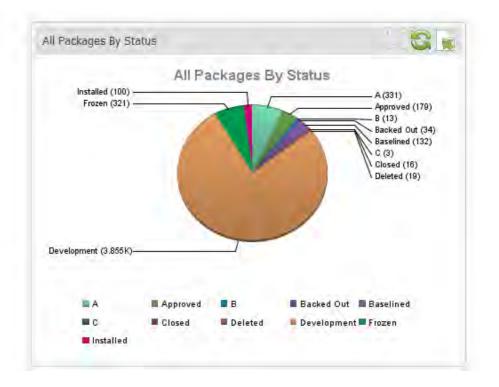
#### All Applications by Instance

You can display all applications broken down by instance or sub-system.



#### All packages by Status

This pie chart displays all packages, broken down by their status (such as Installed, Frozen, and Approved).



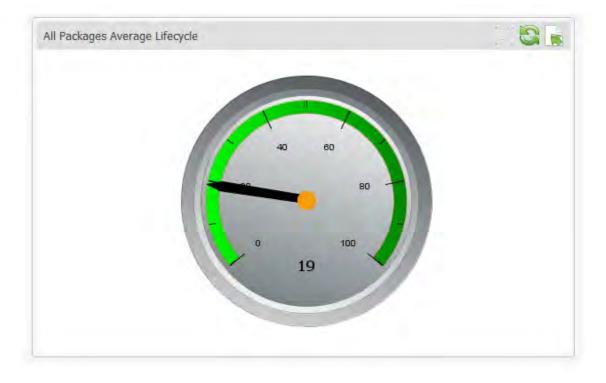
#### All Packages by Application

This metric displays data about all packages across each application in tabular format.

| Server    | Subsystem | Application  | Open     | Closed   | Dev | Frozen | Approved | Rejected | Installed | Dist. | Baselined | Temp | Backed Out |  |
|-----------|-----------|--------------|----------|----------|-----|--------|----------|----------|-----------|-------|-----------|------|------------|--|
| d002:6657 | C001:6031 | ACTP         | 0        | 0        | 15  | 3      | 0        | Q        | 0         | 0     | 2         | 0    | 0          |  |
|           |           | IHES         | 2        | 1        | 2   | 0      | Q        | Q        | Q         | Q     | 5         | Q    | Q          |  |
|           | D001:6111 | <u>#JH</u>   | 0        | 0        | 27  | Z      | 1        | 0        | 0         | 2     | 0         | 0    | 0          |  |
|           |           | #JON         | 0        | 0        | 9   | 4      | <u>0</u> | 0        | 1         | 0     | 1         | 0    | 0          |  |
|           |           | <u>\$JON</u> | 0        | 0        | 34  | 0      | 0        | 0        | 0         | 0     | 0         | 0    | 1          |  |
|           |           | ALZ          | 0        | 1        | 20  | 9      | 0        | 0        | 1         | 0     | 1         | 0    | 2          |  |
|           |           | APS          | 0        | 0        | 142 | 0      | 0        | 0        | 2         | 2     | 0         | 0    | 0          |  |
|           |           | DANY         | 0        | 0        | 1   | 0      | <u>U</u> | Q        | 0         | 0     | Q         | Q    | 0          |  |
|           |           | DAVE         | 0        | 0        | 58  | 2      | 1        | 0        | 1         | 0     | 1         | 0    | 0          |  |
|           |           | 082A         | 0        | 0        | 9   | 0      | 0        | 0        | 0         | 0     | 0         | 0    | 0          |  |
|           |           | DEMO         | 0        | 0        | 387 | 83     | <u>6</u> | 0        | 21        | 0     | 1         | 0    | 5          |  |
|           |           | ECOR         | <u>0</u> | 0        | 12  | 0      | 0        | 0        | Q         | Q     | 1         | Q    | Q          |  |
|           |           | ERDZ         | 0        | <u>0</u> | 1   | 0      | <u>0</u> | Q        | 0         | 0     | 1         | 0    | 0          |  |
|           |           | ERSE         | 0        | 0        | 2   | Q      | 0        | 0        | 0         | Q     | 1         | Q    | 0          |  |
|           |           | ESRV         | 0        | 0        | 2   | 0      | 0        | 0        | 0         | 0     | 1         | 2    | 0          |  |
|           |           | ETME         | Ū        | 0        | 2   | 0      | 0        | 0        | 0         | Q     | 1         | Ū    | Ū          |  |
|           |           | FUTE         | 0        | n        | -4  | 0      | 0        | û        | 0         | 0     | 1         | 0    | 0          |  |

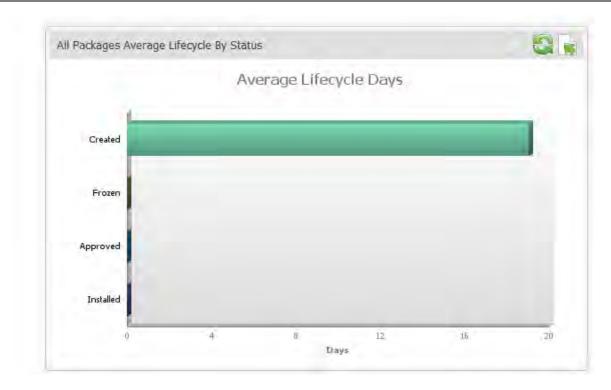
#### All Packages Average Lifecycle

This metric displays the average lifecycle span for all packages.



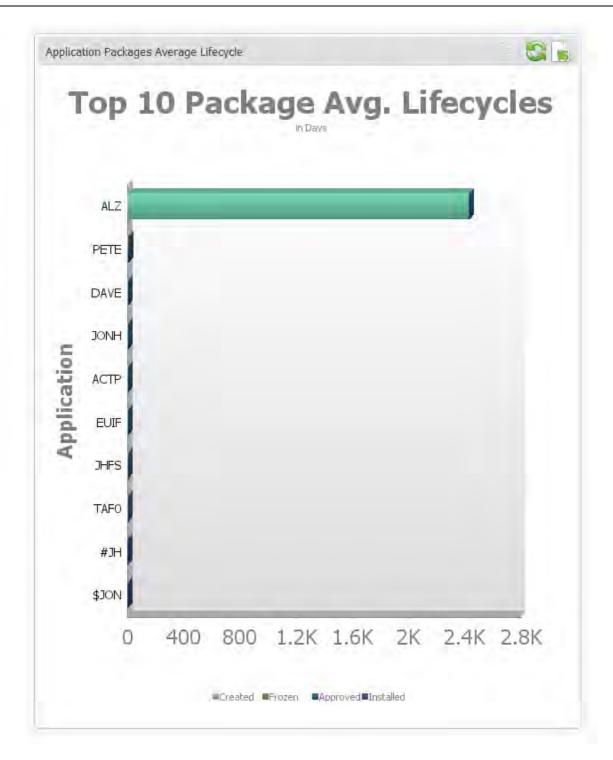
#### All Packages Average Lifecycle by Status

The metric displays the average lifecycle span, in days, for all packages broken down by status.



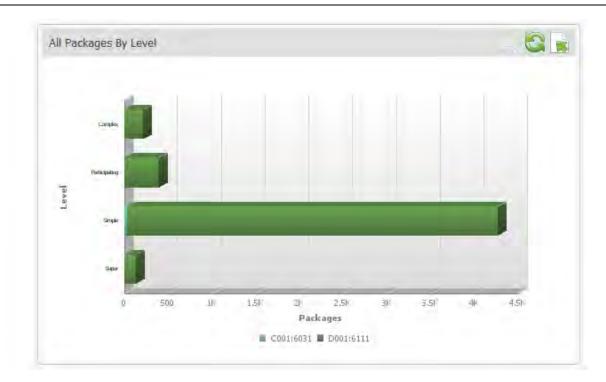
#### **Application Packages Average Lifecycle**

This metric displays the average lifecycle span, in days, for application packages.



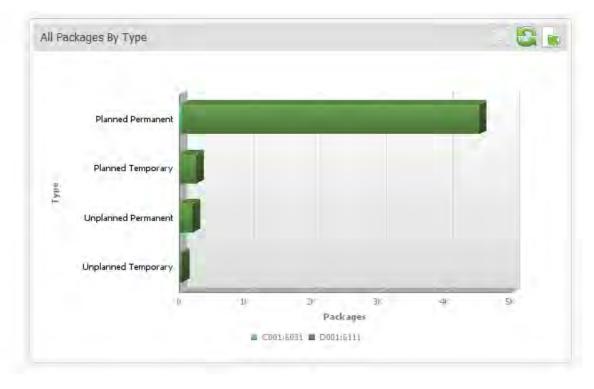
#### All Packages by Level

This metrics displays all packages, broken out by level.



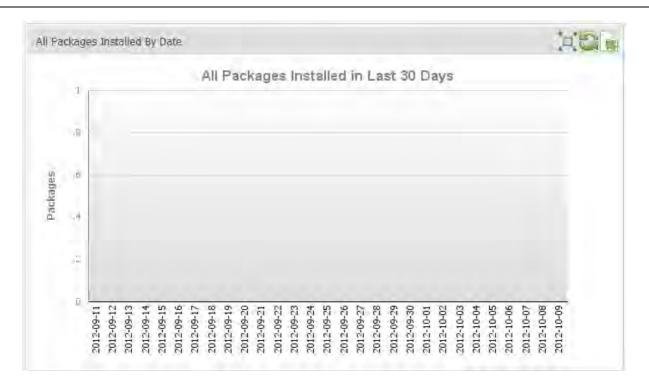
#### All Packages by Type

This metric displays all packages, broken down by type.



#### All Packages Installed by Date

This metric displays all packages, broken down by installation date.



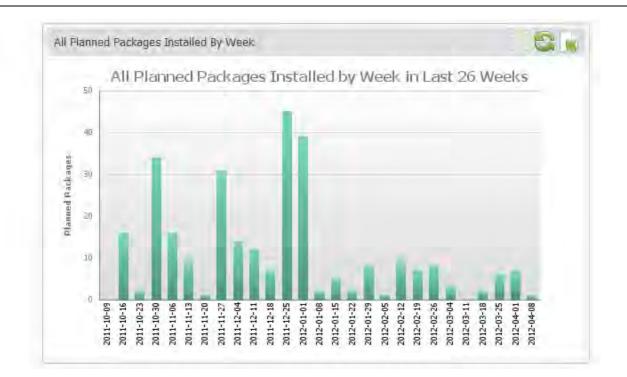
#### All Packages Scheduled by Date

This metric displays all packages, broken down by their scheduled date.



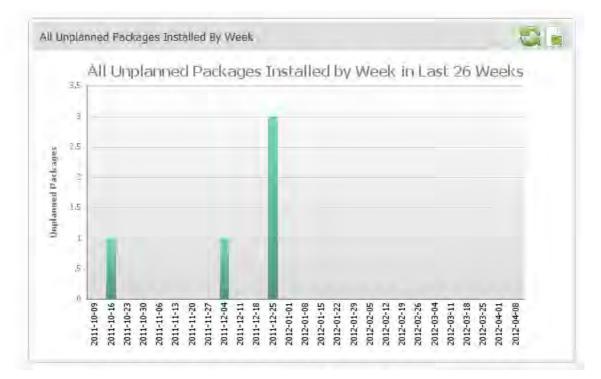
#### **All Planned Packages by Week**

This metric displays the total number of planned package installations on a week by week basis.



#### All Unplanned Packages by Week

This metric displays the total number of unplanned package installations on a week by week basis.



#### **Build and Recompile Report**

This metric displays the number of builds and recompiles and all packages.

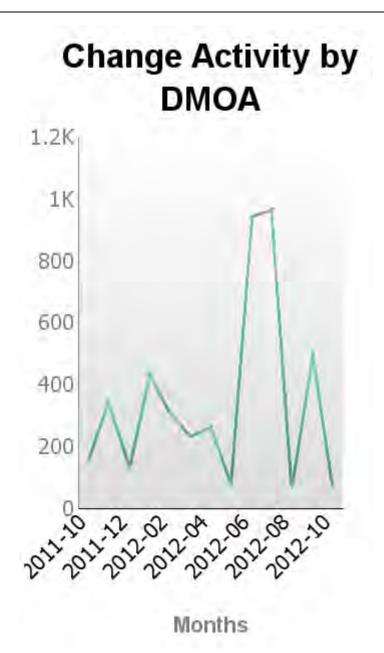
| nstance  | Component | Арр  | Package    | Builds | Recompiles |
|----------|-----------|------|------------|--------|------------|
| SEREZMES | DMOAA0    | DMOA | DMOA000057 | 10     | 0          |
|          |           |      | DMOA000083 | 2      | 0          |
|          |           |      | DMOA000088 | 1      | 0          |
|          |           |      | DMOA000090 | 1      | 0          |
|          |           |      | DMOA000132 | 0      | 1          |
|          | DMOAC0    | DMOA | DMOA000050 | 1      | 0          |
|          |           |      | DMOA000051 | 2      | 0          |
|          |           |      | DMOA000052 | 4      | 0          |
|          |           |      | DMOA000053 | 1      | 0          |
|          |           |      | DMOA000054 | 1      | 0          |
|          |           |      | DMOA000055 | 1      | 0          |
|          |           |      | DMOA000084 | 1      | 0          |
|          |           |      | DMOA000085 | 1      | 0          |
|          |           |      | DMOA000086 | 7      | 0          |
|          |           |      | DMOA000087 | 1      | 0          |
|          |           |      | DMOA000089 | 3      | 0          |
|          |           |      | DMOA000102 | 1      | 0          |
|          |           |      | DMOA000103 | 1      | 0          |
|          |           |      | DMOA000104 | 2      | 0          |
|          |           |      | DMOA000105 | 2      | 0          |
|          |           |      | DMOA000106 | 1      | 0          |
|          |           |      | DMOA000120 | 1      | 0          |
|          |           |      | DMOA000127 | 1      | 0          |
|          |           |      | DMOA000130 | 1      | 0          |
|          |           |      | DMOA000135 | 1      | 0          |
|          |           |      | DMOA000138 | 1      | 0          |
|          |           |      | DMOA000177 | 1      | 0          |
|          |           | DMOC | DMOC000012 | 6      | 0          |
|          |           |      | DMOC000015 | 1      | 0          |
|          |           |      | DMOC000026 | 1      | 0          |
|          |           |      | DMOC000027 | 1      | 0          |
|          |           |      | DMOC000028 | 1      | 0          |
|          |           |      | DMOC000029 | 1      | 0          |
|          | DMOBA0    | DMOB | DMOB000012 | 1      | 0          |
|          |           |      | DMOB000013 | 1      | 0          |
|          | DMOBC0    | DMOB | DMOB000010 | 2      | 0          |

#### **Change Activity by All Applications**

This metric displays change activity for all applications.

| Change Activity by All Applications |     |             |  |  |  |  |  |  |
|-------------------------------------|-----|-------------|--|--|--|--|--|--|
| Changes                             |     | Application |  |  |  |  |  |  |
| 45                                  | 527 | DMOA        |  |  |  |  |  |  |
| 20                                  | 590 | CALD        |  |  |  |  |  |  |
| 24                                  | 132 | RDK1        |  |  |  |  |  |  |
| 10                                  | 594 | SELG        |  |  |  |  |  |  |
| 4                                   | 148 | DMOC        |  |  |  |  |  |  |
| 2                                   | 220 | DMOB        |  |  |  |  |  |  |
| 1                                   | 147 | ARME        |  |  |  |  |  |  |
|                                     |     | CSG1        |  |  |  |  |  |  |
|                                     | 28  | SEDE        |  |  |  |  |  |  |
|                                     | 24  | ARMD        |  |  |  |  |  |  |
|                                     | 13  | <u>SEGK</u> |  |  |  |  |  |  |
|                                     | 1   | SYSP        |  |  |  |  |  |  |

Click an application name to display change activity for that application, by date.



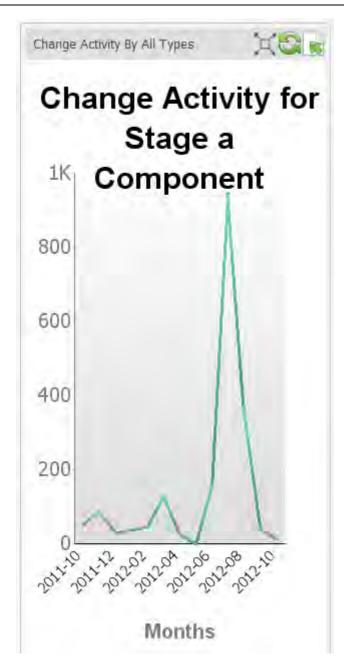
The Change Activity by Top 20 Applications metric displays the activity for the applications with the most change activity.

#### **Change Activity by All Types**

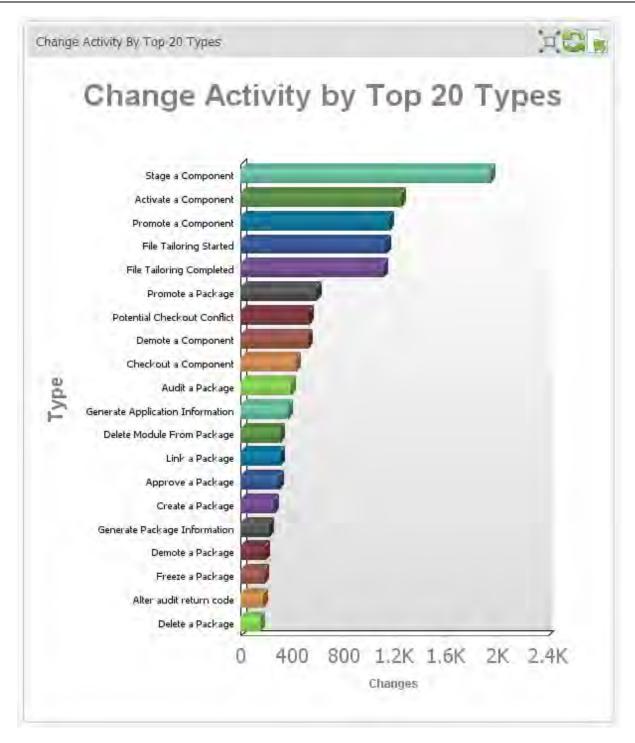
This metric displays total change activity, broken down by type.

| Change Act      | tivity By All Types 🛛 🗖 🕃                          |          |
|-----------------|--|----------|
| Chan            | ge Activity by All Types                           | <b>^</b> |
| -               | _  |          |
| Changes<br>1950 | Type   |          |
| 1950            | Stage a Component<br>Activate a Component          |          |
| 1255            | Promote a Component                                |          |
| 1138            | File Tailoring Started                             |          |
| 1133            | File Tailoring Completed                           |          |
| 589             | Promote a Package                                  |          |
| 528             | Potential Checkout Conflict                        |          |
| 520             | Demote a Component                                 |          |
| 429             | Checkout a Component                               |          |
| 391             | Audit a Package                                    |          |
| 371             | Generate Application<br>Information                | =        |
| 306             | Delete Module From Package                         |          |
| 305             | Link a Package                                     |          |
| 299             | Approve a Package                                  |          |
| 261             | Create a Package                                   |          |
| 222             | Generate Package Information                       |          |
| 187             | Demote a Package                                   |          |
| 180             | Freeze a Package                                   |          |
| 174             | Alter audit return code                            |          |
| 150             | Delete a Package                                   |          |
| 128             | Promote a Release Area                             |          |
| 125             | Selectively Unfreeze a Package                     |          |
| 102             | Install a Package                                  |          |
| 99              | Baseline Ripple                                    |          |
| 88              | <u>Monitor Limbo, Internal</u><br><u>Scheduler</u> |          |
| 63              | Revert a Package                                   |          |
|                 | Backout a Package                                  |          |
| 44              | Install Package Aged                               |          |
| 43              | Staging Libraries Aged                             |          |
| 33              | Package Memo Delete                                | Ψ.       |

Click a type to display number of changes for that type, by date.



The Change Activity by Top 20 Types displays the amount of activity for the 20 types with the most activity.



#### **Change Activity by All Users**

This metric displays change activity, broken down by users.

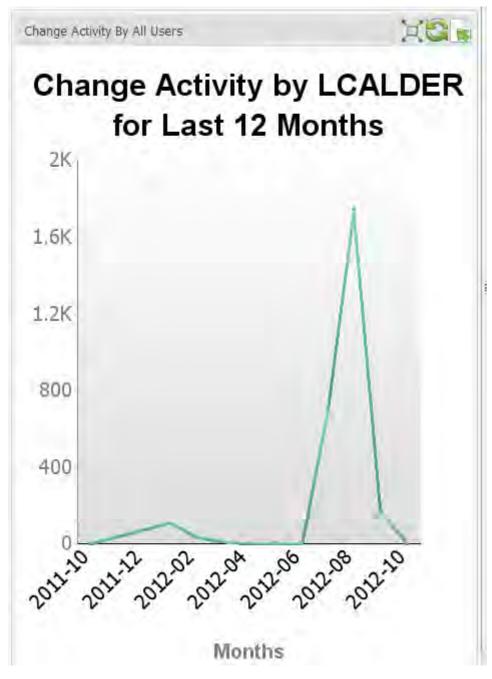
| Change | Activity | Ву | All | Users |
|--------|----------|----|-----|-------|
|--------|----------|----|-----|-------|

| User           | Changes | PKG Create | CMP Checkout | CMP Stage | PKG Audit | PKG Freeze | <b>PKG Promote</b> | PKG Approve | <b>PKG Revert</b> |
|----------------|---------|------------|--------------|-----------|-----------|------------|--------------------|-------------|-------------------|
| LCALDER        | 2898    | 26         | 0            | 925       | 4         | 8          | 135                | 4           | 5                 |
| RKOEHLE        | 2401    | 43         | 0            | 280       | 108       | 28         | 89                 | 97          | 7                 |
| LGASCA         | 2270    | 61         | 0            | 264       | 48        | 35         | 180                | 64          | 9                 |
| BYATES         | 1342    | 44         | 0            | 204       | 33        | 35         | 32                 | 50          | 14                |
| GKESTLE        | 811     | 15         | 0            | 76        | 61        | 14         | 22                 | 20          | 6                 |
| MLEVY          | 533     | 20         | 0            | 51        | 3         | 18         | 28                 | 23          | 4                 |
| <b>GVANNES</b> | 383     | 9          | 0            | 46        | 29        | 7          | 6                  | 13          | 2                 |
| EMITCHE        | 370     | 10         | 0            | 14        | 28        | 11         | 46                 | 10          | 0                 |
| SERE           | 320     | 0          | 0            | 0         | 0         | 0          | 0                  | 0           | 0                 |
| DFALVEY        | 273     | 6          | 0            | 7         | 22        | 9          | 19                 | 4           | 6                 |
| KLEE           | 211     | 1          | 0            | 3         | 13        | 5          | 22                 | 0           | 4                 |
| GKESTL2        | 151     | 1          | 0            | 27        | 18        | 1          | 2                  | 2           | 1                 |
| <u>OFAURA</u>  | 136     | 6          | 0            | 28        | 1         | 1          | 4                  | 0           | 1                 |
| LGASCA2        | 99      | 5          | 0            | 13        | 5         | 0          | 4                  | 0           | 0                 |
| MPANNIS        | 93      | 11         | 0            | 0         | 15        | 5          | 0                  | 12          | 0                 |
| MMCCART        | 43      | 0          | 0            | 12        | 0         | 0          | 0                  | 0           | 0                 |
| BROSENB        | 16      | 0          | 0            | 0         | 0         | 3          | 0                  | 0           | 4                 |
| SNEVIN         | 12      | 2          | 0            | 0         | 0         | 0          | 0                  | 0           | 0                 |
| FCAMUTO        | 3       | 0          | 0            | 0         | 1         | 0          | 0                  | 0           | 0                 |
| BYATES2        | 3       | 1          | 0            | 0         | 0         | 0          | 0                  | 0           | 0                 |
| GKESTL3        | 2       | 0          | 0            | 0         | 2         | 0          | 0                  | 0           | 0                 |
| TMAVOR         | 1       | 0          | 0            | 0         | 0         | 0          | 0                  | 0           | 0                 |

#### Change Activity by All Users

cache date: 2011\_10\_10 14:38:37

Click a username to display change activity for that user, for the past 12 months.

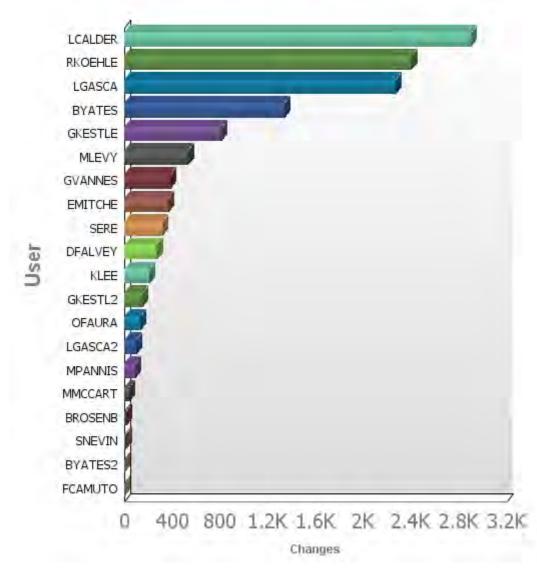


The Change Activity By Top 20 Users displays activity for the 20 users with the most change activity.



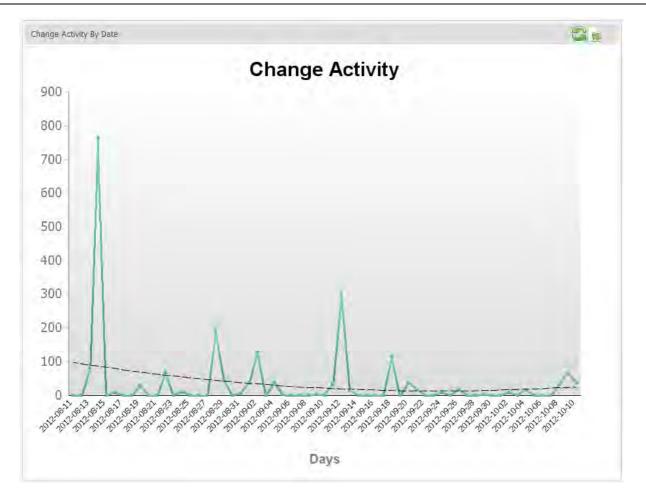


# Change Activity by Top 20 Users



#### **Change Activity by Date**

This metric displays the amount of change activity on specific dates.

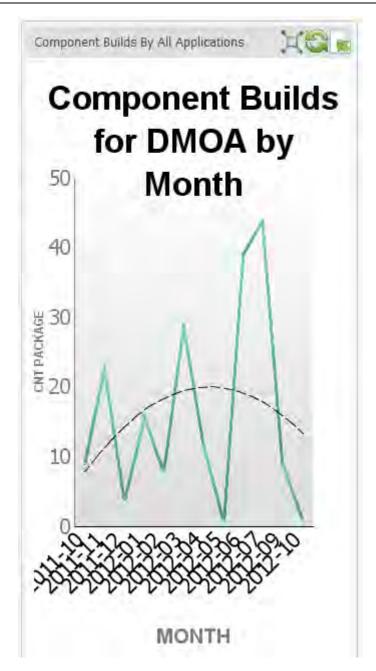


### **Component Builds by All Applications**

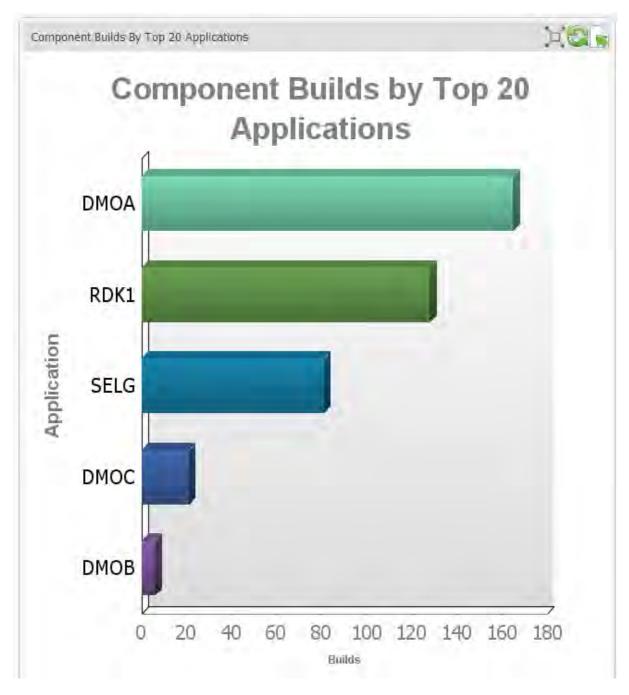
This metric displays component builds broken down by applications.

| Арр  | Builds | Recompiles |   |  |
|------|--------|------------|---|--|
| DMOA | 165    | 30         |   |  |
| RDK1 | 128    | 3          |   |  |
| SELG | 81     | 0          |   |  |
| DMOC | 21     | 0          | 1 |  |
| DMOB | 6      | 0          |   |  |

Click an application name to display builds broken down by month.



The Component Builds by Top 20 Applications shows the build activity for the applications with the most builds.

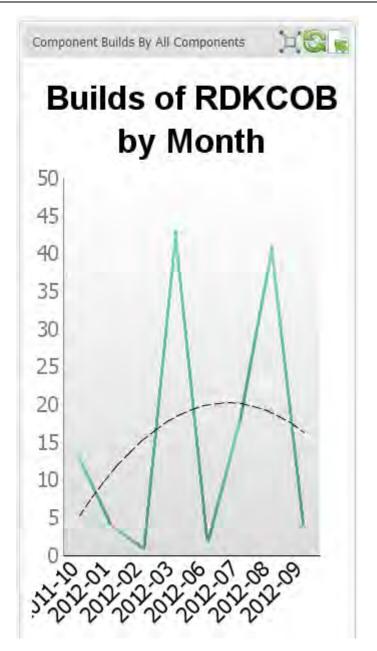


### **Component Builds by All Components**

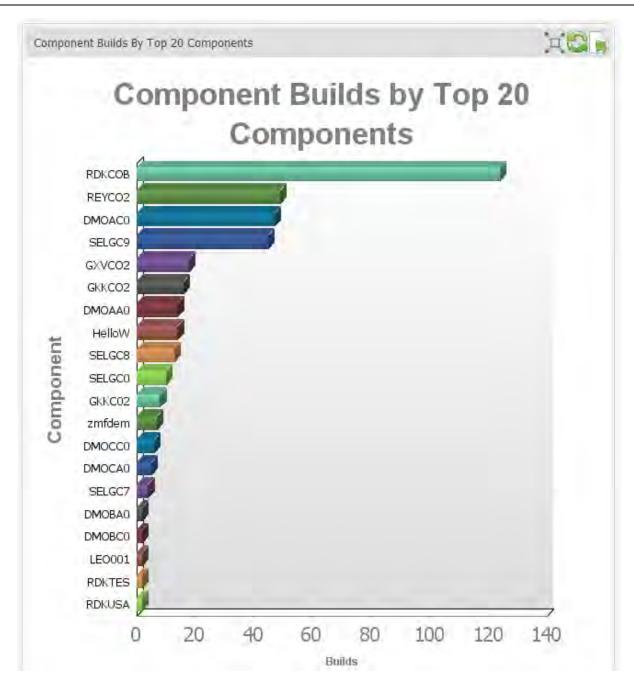
This metric displays component builds broken down by components.

| Component     | Builds | Recompiles |  |
|---------------|--------|------------|--|
| RDKCOB        | 124    | 2          |  |
| REYCO2        | 49     | 0          |  |
| DMOAC0        | 47     | 0          |  |
| SELGC9        | 45     | 0          |  |
| GXVCO2        | 18     | 12         |  |
| GKKCO2        | 16     | 5          |  |
| DMOAA0        | 14     | 1          |  |
| HelloW        | 14     | 0          |  |
| SELGC8        | 13     | 0          |  |
| SELGC0        | 10     | 0          |  |
| GKKC02        | 8      | 12         |  |
| <u>zmfdem</u> | 7      | 0          |  |
| DMOCC0        | 6      | 0          |  |
| DMOCA0        | 5      | 0          |  |
| SELGC7        | 4      | 0          |  |
| DMOBA0        | 2      | 0          |  |
| DMOBC0        | 2      | 0          |  |
| LEO001        | 2      | 0          |  |
| RDKTES        | 2      | 1          |  |
| RDKUSA        | 2      | 0          |  |
| SELGC4        | 2      | 0          |  |
| SELGC6        | 2      | 0          |  |
| helloa        | 2      | 0          |  |
| SELGC1        | 1      | 0          |  |
| SELGC2        | 1      | 0          |  |
| SELGC3        | 1      | 0          |  |
| SELGC5        | 1      | 0          |  |
| SERENA        | 1      | 0          |  |

Click a component name to display build totals per month for that component.



The Component Builds by Top 20 Components metric displays build totals by the 20 components with the most builds.

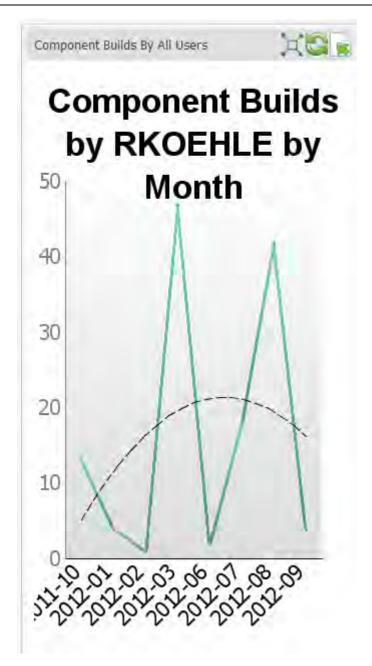


### **Component Builds by All Users**

This metric displays component build totals, broken down by users.

| User           | Builds | Recompiles |  |
|----------------|--------|------------|--|
| RKOEHLE        | 128    | 3          |  |
| LGASCA         | 99     | 0          |  |
| BYATES         | 58     | 0          |  |
| GKESTLE        | 28     | 17         |  |
| MLEVY          | 23     | 0          |  |
| <b>GVANNES</b> | 18     | 12         |  |
| GKESTL2        | 10     | 0          |  |
| MMCCART        | 10     | 0          |  |
| LCALDER        | 9      | 0          |  |
| LGASCA2        | 7      | 0          |  |
| DFALVEY        | 5      | 0          |  |
| EMITCHE        | 3      | 1          |  |
| KLEE           | 3      | 0          |  |

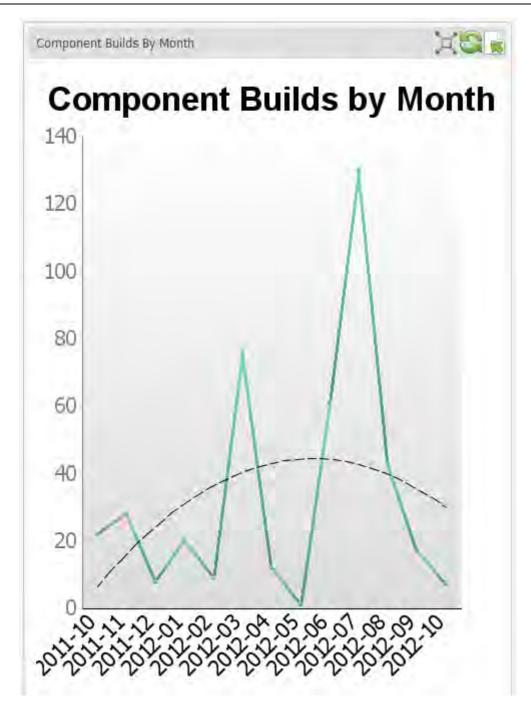
Click a user name to display monthly build totals by that user.



The Component Builds by Top 20 Users displays build totals for the 20 users with the most builds.

# **Component Builds by Month**

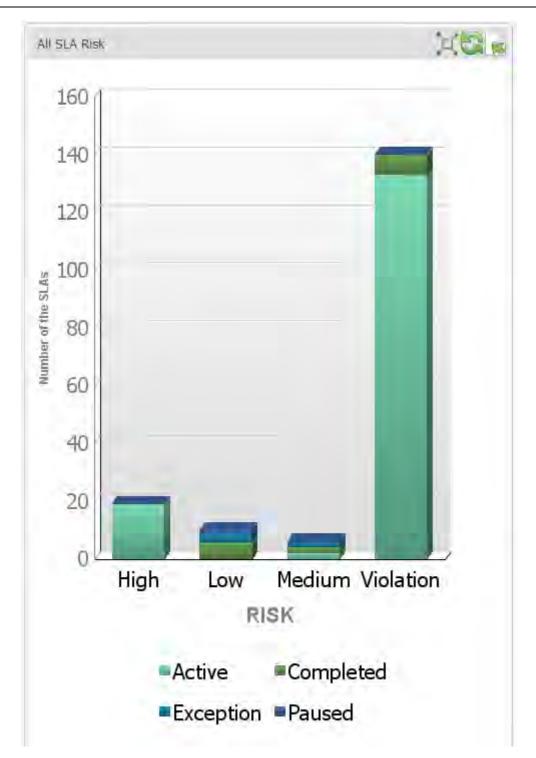
This metric displays all component builds, broken down by month.



# **Out-of-Box Metrics for CIO Ops**

# All Service Level Agreement (SLA) Risk

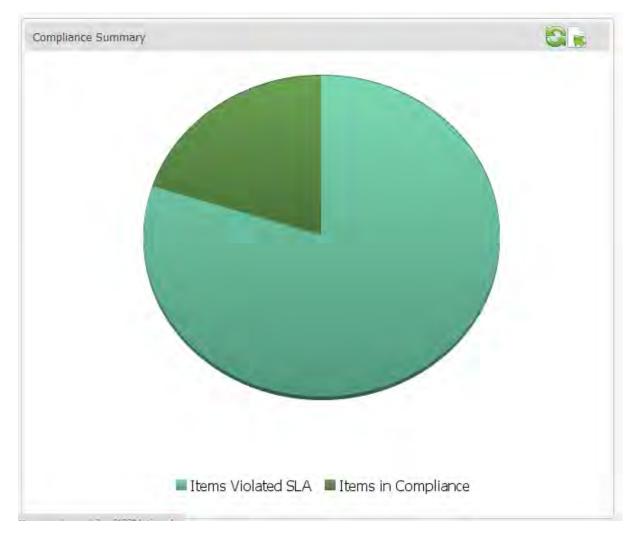
This metric provides a high level view of the number of service level agreements classified as high risk, low risk, medium risk, or in violation. This metric also displays the number of SLAs in each of these risk categories that are currently active, completed, paused, or that are exceptions.



To display details, you can click any part of the bar in the metric. This first displays a zoomed version of that portion of the bar. Click the bar again to display the specific SLAs.

### **Compliance Summary**

This metric shows you the number of items in compliance with Service Level Agreements and the number of items not in compliance.



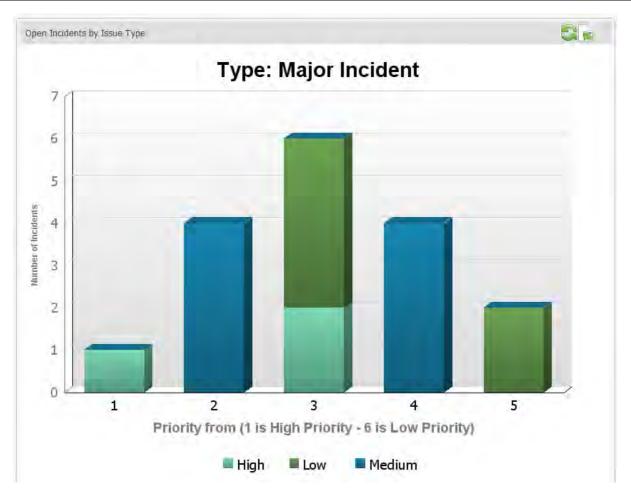
Click to see more information about the state of items either in compliance or in violation.

### **Open Incidents by Issue Type**

This metric displays the number of open incidents, categorized by incident type.



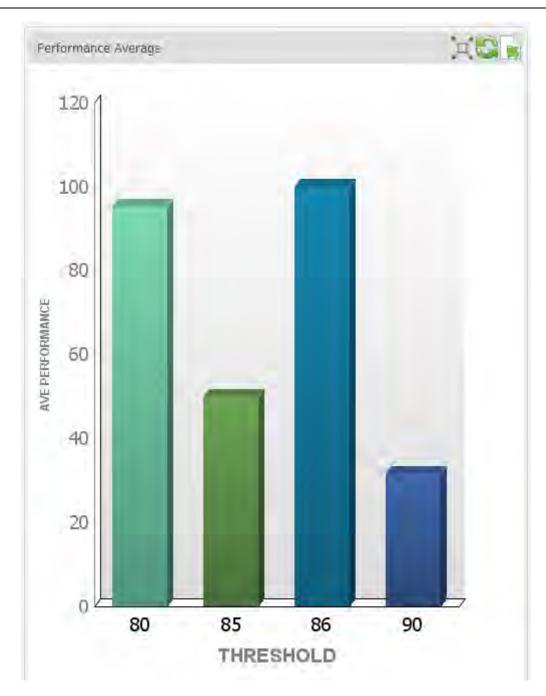
Click any type to see a summary of priority associated with all items of that type.



Click any of the bars to see a list of items.

## **Performance Average**

This metric displays average performance.



Violates v. In Compliance

