



Differences between Reports and Dashboards in Kovair

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Kovair Software is a Silicon Valley based software Product Company specializing in the domain of Integrated Application Lifecycle Management - ALM solutions. Our objective is to make the software development process better, faster and collaborative – anytime, anywhere, using any tool, platform and technology. Kovair’s focus on integrating third party best-of-breed tools enables creation of applications in a synchronized tools environment.

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What are the Differences between Reports and Dashboards in Kovair?

It is an absolute necessity for any ALM tool, to be able to gather information from the different work areas of a particular project. However, gathering information is only half the job. An ALM tool must also be able to effectively present the gathered information, in an efficient and simple manner. The different kinds of Reports and Dashboards in Kovair, allow you to do exactly that. The question that arises immediately is that when do you use Reports and when do you use a Dashboard? Finding an answer to this question is not very difficult, once you are aware of the subtle differences between a dashboard and a report. While both are largely used to present collected information or data, they vary in their usability and functionality.

Reports

Reports can be seen as a more traditional approach of summarizing data. They tend to carry a degree of complexity and detail, as reports usually tend to be generated from a specific query or search. Being detailed and complex by nature, reports can often be multi paged as well.

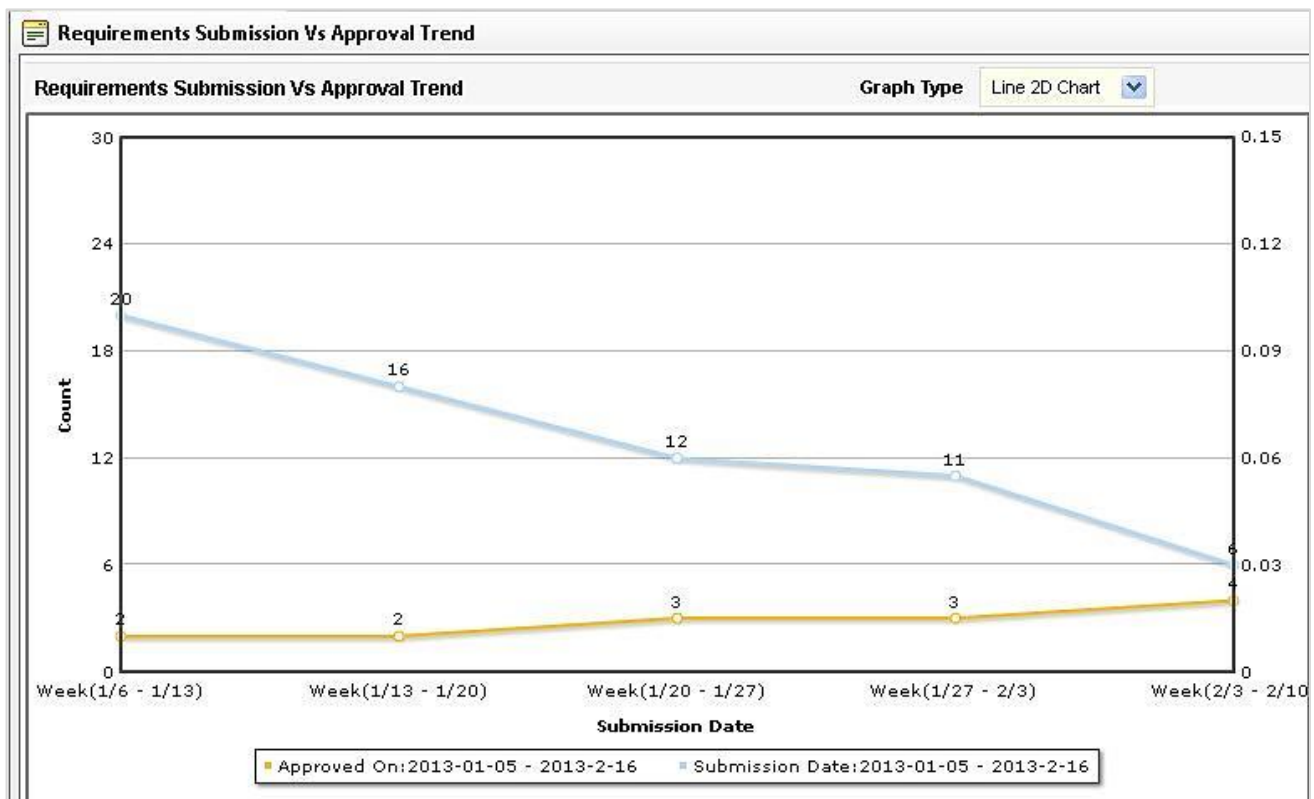



Figure 1 - A Multi Valued Trend Report in Kovair

The following is an example of pre-formatted Word report in Kovair with data from multiple tools such as HPQC and IBM Rational Team Center – RTC.


Requirements Traceability Document

TEST RUN: [238] RUN_5-13_2-18-45

Source Tool: 


Run Status	Failed	RTC Task ID	480
Passed Counter	0	Failed Counter	1
Test Lab	FR for Tool Registration		

TEST CASE: [105] QTPAUTOMATEDSCRIPT22

Source Tool: 

QC Test ID	171	Submitter	Somesh Roy
Submit Date	05/10/2013 09:13		

REQUIREMENT: [52] BUSINESS REQUIREMENTS

Source Tool: 

Requirement Status	Proposed	Status	New
Type	Business		

9

Figure 2a - A Page from an auto generated multiple page Word Report from Kovair

REQUIREMENT: [51] DEMO DRY RUN BR 752

Source Tool:

Requirement Status	Approved	Status	New
Type	Business		

RTC TASK: [477] DEMO DRY RUN FR 758

Source Tool: 


Status	Approved	Type	Functional
Total Defect Count	3	Last Build Status	Success
Test Run Count	2	Build Count	3
Task Changeset Count	2	Defect Changeset Count	0
Changeset Count	2		

TEST LAB: [225] DEMO DRY RUN FR 758

Tool: 


Kovair Status	Blocked	Run Count	2
Passed Count	0	Fail Count	2
RTC Task Id	477		

TEST RUN: [235] RUN_5-10_7-48-16

Source Tool: 

Run Status	Failed	RTC Task ID	477
Passed Counter	0	Failed Counter	1
Test Lab	Demodry run FR 758		

TEST RUN: [236] RUN_5-10_9-20-23


Source Tool: 

Run Status	Failed	RTC Task ID	477
Passed Counter	0	Failed Counter	1
Test Lab	Demodry run FR 758		

Figure 2b - Another Page from the same Word Report from Kovair

Reports are generally entity specific, and pull out data pertaining to the particular entity. Although Kovair allows you to create visual reports like pie charts, trend reports or distribution metrics reports, usually the

reports are more text oriented, and are considered for printing purposes. The Word Report feature that Kovair can provide bears testimony to this fact. You can create a detailed template to gather all the necessary information from a project, and then generate the report to print it from real time data in Kovair. This facilitates printing or on line viewing of reports during or just prior to meetings where up to the minute status of a situation may be required.

			
ID	Title	Linked Test Cases Count	Passed Test Cases Count
Test Coverage : Covered		Count :	3
45	Database Details	1	1
48	Manadatory fields in the User form	1	1
64	Design Specifications for Home Page	1	1
Test Coverage : Not Covered		Count :	84
1	Real Time Visitor Monitoring7779 - changed version	2	0
2	Need to Configure Rules in Outlook7877	1	0
17	Requirement for Outlook Integration	1	0
22	Add Distribution Lists	3	0
24	Vendor Payment History Report Available	1	0
34	Request for a Login Page	0	0
37	Add Runtime Tasks	1	0
46	Password should be case sensitive	0	0
49	Resource Allocation9898	1	0
52	Module for I2C connectivity	1	0
54	Saving of Paswords on User Request Only	1	0
55	Only registered users will be able to order products	1	0
56	Reg Page should accept the name and email id of the users	1	0
57	Four full resolution SD channels	1	0
58	Advanced compression engine	1	0
59	LookAhead CBR/VBR encoding	2	0
60	Integrated noise reduction	2	1
61	Decoder should include GenLock	1	0
67	Design Specifications for Contact Us Page	1	0
71	Functional Specifications for Home Page	0	0
73	Functional Requirements of Contact Us Page	0	0
81	Memory Management	0	0

Report printed on 05/24/2013 14:15:46

Figure 3 - A Tabular Report Generated from Kovair

Dashboards

Dashboards on the other hand rely primarily on visual indicators for displaying an array of information, with the help of different gadgets. Incidentally, reports are also one of the different kinds of gadgets that can be included inside a dashboard. Kovair also allows you to include other types of gadgets like a Catalog or a Gantt chart and many more. Being so, the Dashboards might not be able to give you a detailed insight into a particular sector, but can be used to provide quick answers for the big questions, at one glance.

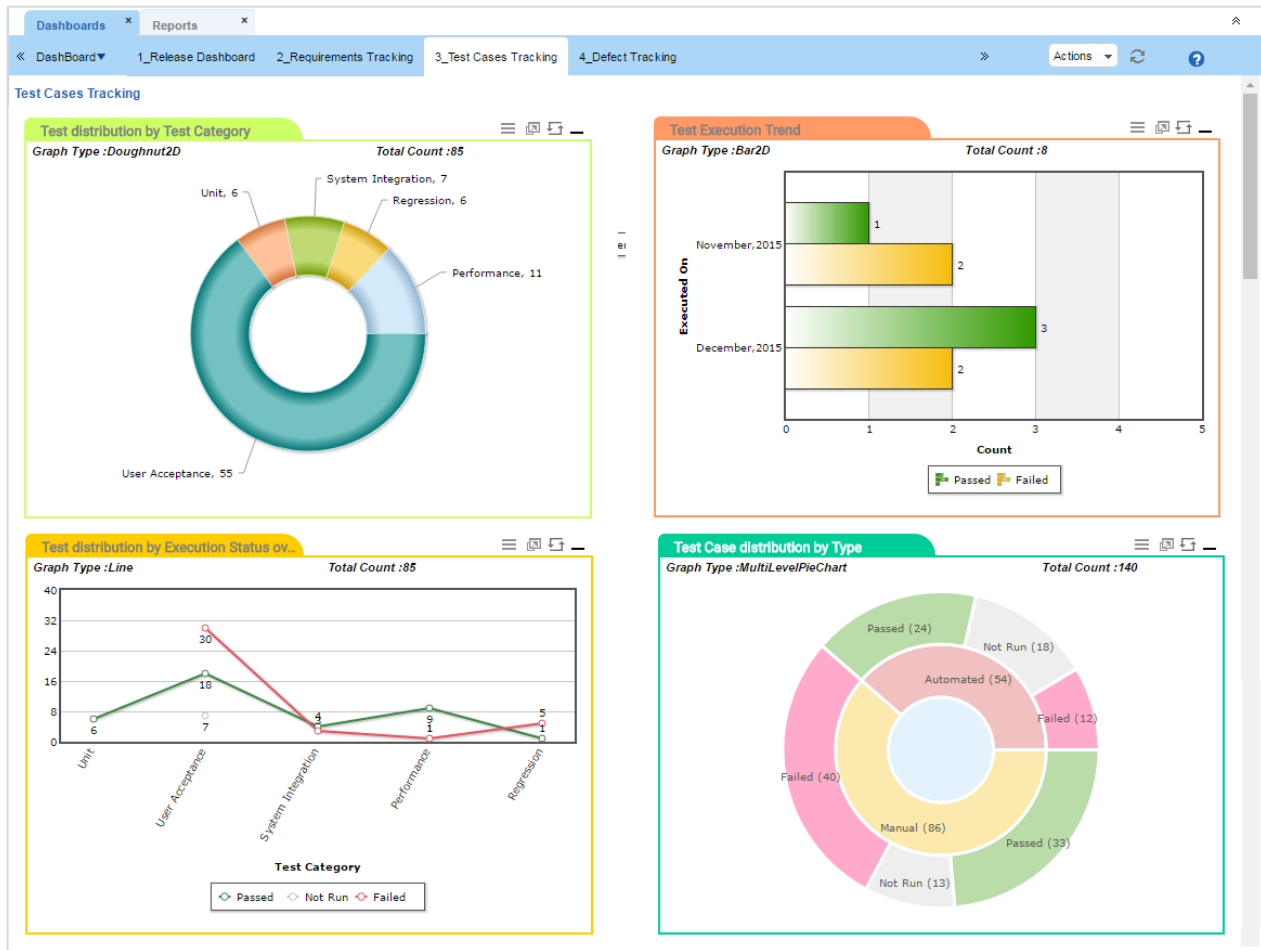
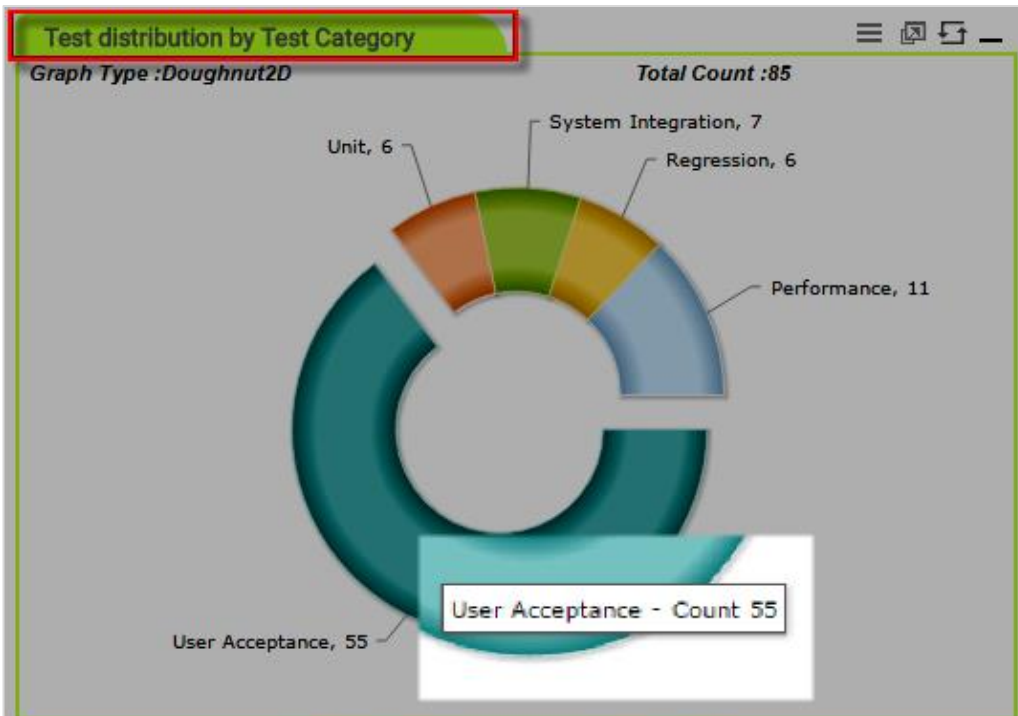


Figure 4 - Test Cases Tracking Dashboard in Kovair

Dashboards serve the purpose of providing a rich amount of information, in a small place. Dashboard makes it possible to view a variety of reports coming from different entities, in one single page. The range of gadgets available in Kovair, are useful for this purpose. The layout of a dashboard in Kovair can be customized according to the needs of the user, and the number of gadgets included in a dashboard can be as many as you need. Dashboards can also be assigned to a specific set of users, while restricting the others from viewing them. Another distinct advantage that a dashboard enjoys over reports is the fact that the gadgets included in a dashboard have drill down capabilities, which is not available in a Word, Excel or Custom Crystal type of report. Clicking on any particular sector of a graphical gadget, leads to the further details of that particular data set. This way, you can also choose to drill down to the details of one particular record, if required.



A Particular sector from a gadget of a dashboard is highlighted. Clicking on this sector would result in drilling down to details of this specific records.

The separate window that opens up on drilling the above zoomed sector

Distribution by Test Category - Google Chrome

ITmyKovair7/Views/Reports/ProcessDrillDown.aspx?ReportId=6034&SessionId=1A82EA73-D230-4885-9D39-686F83A73-D230-4885-9D39-686F83292D21&AppL

Total 55 item(s) retrieved

ID	Title	Execution States	Test Case Coverage	Test Case State	Test Category
10	SP_TC_4	Passed	Passed - 1 (100.00%)		User Acceptance
11	SP_TC_5	Failed	Failed - 1 (100.00%)		User Acceptance
12	Check Logout button	Passed	Passed - 1 (100.00%)		User Acceptance
15	test1	Passed	Passed - 2 (100.00%)		User Acceptance
20	Test Login Page	Passed	Failed - 2 (20.00%) Not Run - 5 (50.00%) Passed - 3 (30.00%)		User Acceptance
21	Verify Associate Testable available after user after session	Failed	Failed - 1 (12.50%) Not Run - 7 (87.50%)		User Acceptance
22	Report_TestCases_Accents of Reports	Failed	Failed - 5 (63.33%) Not Run - 1 (16.67%)		User Acceptance
23	Reports_TestCases_Parameters for Default Reports	Failed	Failed - 1 (100.00%)		User Acceptance
24	Reports_TestCases_Propor report with proper display contents is accepted in MS Excel	Failed	Failed - 2 (100.00%)		User Acceptance
25	Reports_TestCases_Propor values in terms should be displayed in MS Excel	Passed	Passed - 1 (100.00%)		User Acceptance

Figure 5 - Drill down capabilities of a Gadget included in a Dashboard

Kovair allows you the provision to utilize the capabilities of Reports and Dashboards to the best extent possible. Once you are aware of the differences between reports and dashboards, and know when to use what, you should be able to make the best use of these data presenting capabilities of Kovair. The intuitive interface of Kovair makes it very easy for users to create a report or a dashboard. The link for creating a report can be found under every entity, from where you can choose to create various types of reports. Kovair allows you to create as many as 9 different formats of Reports which are: Tabular, Tabular with Summary, Form, Form with Summary, Distribution Metrics, Matrix, Trend, Custom Crystal and Word. Creating a dashboard is an equally easy task if you have the adequate administrative rights. You need to navigate to the Workspace Setup mode first. There, you will find the sub menu of Dashboards, under the Users Tab. From here you can create a new Dashboard, specify the template of the dashboard and include your choice of gadgets. You also have the option of assigning the dashboard to a set of users or any individual, if you want to. Once you have created the dashboards or reports, clicking the system would automatically retrieve all the latest updates and present the data set pertaining to the template defined. Therein lies the beauty of Kovair, the totality of information is ensured without compromising the simplicity.