CA Harvest SCM
Custom Report Samples

Examples for custom Workbench BIRT Reporting

For Release 12.5

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1. Purpose and Scope

This Tech Document provides sample custom reports that may be configured in CA Harvest Software Change Manager 12.5.

For general information on creating and running these reports, refer to the task-based scenario document titled *How to Generate Custom Reports* or in chapter 13 of the *Workbench User Guide* under heading *Custom Reports*.

2. Instructions

Each report below identifies the scope and display options that should be used for each report, along with the SQL query to be used. In some cases, different versions of each SQL statement are provided to support either Oracle or SQL Server compatibility.

During creation of new custom report if user would like to utilize any of these sample custom reports, copy the content of query from sample report paste the same in the query pane of New Custom Report dialog.

3. Reports list and Description

Scope : Broker		
S. No	**Title**	**Description**
3.1.1	User last login	This report lists all existing non-disabled users and when each user last successfully logged into Harvest, and how many days ago that was. It can be useful for determining which accounts can be disabled or deleted.
3.1.2	Disabled User Age	This report lists all disabled users, the date which each was disabled, and how many days ago that was. It can be useful for determining which accounts can be deleted.
3.1.3	User Count in User Group	This report lists the count of existing users per User Group. It can be useful for restricting the admin users count and access allocation depending on the upcoming needs
3.1.4	Project_summary	This report is similar to the Project Summary Report available in the CA Harvest SCM Administrator interface. It shows a list of active and inactive projects along with their creator IDs and created/modified times.
3.1.5	Repository Summary	This report is similar to the Repository Summary Report available in the CA Harvest SCM Administrator interface. It shows a list of repositories along with their created times, creator IDs and root paths.
3.1.6	Harvest Access	This report is similar to the Access Report available in the CA Harvest SCM Administrator interface. It shows a list of top-level access methods and what user groups have those methods assigned.
3.1.7	User Summary	This report is similar to the User Report available in the CA Harvest SCM Administrator interface. It shows a list of active users along with some attributes.

3.1.8	User Group Report	This report is similar to the User Group Report available in the CA Harvest SCM Administrator interface. It shows a list of User Groups (other than the public User Groups) along with their members.
3.1.9	Find UDP's	This report lists all User Defined Processes (UDPs) in the system and for each displays the context, parent process (if applicable), Pre/Post flag, Server/Client type, Program and Input.
3.1.10	Project Without Approve process	This report lists the projects without the Approval process. This can be useful in the Lifecycle management where there are mandated approval process inclusion is imposed.
3.1.11	Project Package Assignee same as approval user.	This report lists the users assigned to the package list and the same users if included in the Approval List
3.1.12	Project has Approval process but without Approver	This report lists the projects which have Approval process but users not included in the Approval list. This will be useful when a decision to allot approval users is delayed for any reason or might have been forgotten.
3.1.13	Package Count in Active Projects	This report lists the count of packages per project in all the existing Active Projects. Admins can get an estimate of the activity within the projects ranging from preliminary ,middle staged or ending phase.
3.1.14	Packages Approved by log on user	This report lists the count of the no of the packages approved by the present logged in user.
3.1.15	Get the list of Administrators	This report lists the existing users with administrator access.
3.1.16	No of approved packages by the logon user on all projects	This report lists the no of approved packages by the logged in user from all the projects.
Scope : Project		
3.2.1	Project Package Count per Assignee	This report lists the Package Count per Assignee per project. This will be useful in determining how many change units(packages) are worked upon by respective users in the Project
3.2.2	Items Reserved in a project	This report lists the items reserved in a specific project. This will help the users to identify the initiated changes for new enhancement or items currently being worked upon by all developers.
3.2.3	My Reserved Items	This report lists the items checked out by the logged in user. If the user is switching between multiple tasks For ex: Emergency fixes and new feature development, this will help the user identify the items he was previously working with or any leftover changes.
3.2.4	No of approved packages by the logon user on the selected project	This report lists the no of approved packages by the logged in user on the selected project.

3.2.5	Package Activities Audit	This report lists the activities of the package For ex: creation, approval, promotion tasks and by whom.
3.2.6	Package Approval Count per user	This report lists the count of the packages approved by each user on the selected project.
3.2.7	Packages without assignee	This report lists the count of the packages without assignee. This will help the administrator/project manager identify the unassigned packages and assign them to the respective users.
3.2.8	Project Lifecycle Changes	This report lists the changes included in the project lifecycle for ex: creation of a state, update a state, create a working view and will be helpful for the administrator to identify any recent changes in the lifecycle included.
3.2.9	Project package Count per assignee	This report lists the package count per assignee on the selected project
3.2.10	Project Repositories	This report lists the repositories that are base lined to the selected project.
3.2.11	Project Snapshots	This report lists the snapshots taken on the selected project. This will be helpful in base lining other projects with an earlier snapshot as required for the branching.
Scope : State		
3.3.1	State package List	This report lists the packages ,creation time of the packages within the state
3.3.2	Modified Item-Version Count in Working View	This report lists the version count of the modified item in the working view (state) chosen.
Scope : Package		
3.4.1	Package Activities	This report lists the activities w.r.t the package For Ex: creation, Assignee change, approval,switch versions,promote etc.
ITIL Reports		
3.5.1	Forward Schedule of Changes - Month – All Scope : Broker	This report displays unimplemented RFCs from all active projects that are scheduled to be implemented within the next month.
3.5.2	Forward Schedule of Changes – Month Scope :Project Scope : Project	This report displays unimplemented RFCs from the selected project that are scheduled to be implemented within the next month.

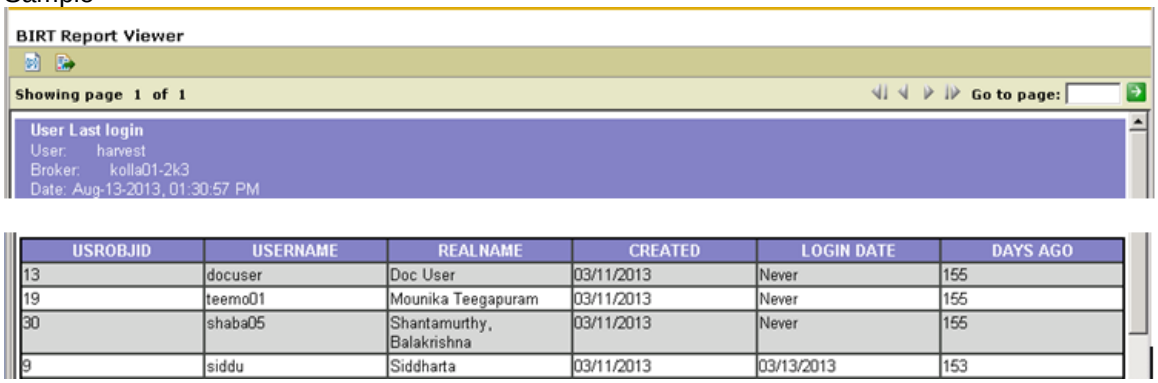
4. Report Samples

3.1. Broker level sample custom reports

3.1.1. User Last login

Title	User Last Login
Description	This report lists all existing non-disabled users and when each user last successfully logged into Harvest, and how many days ago that was. It can be useful for determining which accounts can be disabled or deleted.
Scope	Broker

Sample



USROBJID	USERNAME	REALNAME	CREATED	LOGIN DATE	DAYS AGO
13	docuser	Doc User	03/11/2013	Never	155
19	teemo01	Mounika Teegapuram	03/11/2013	Never	155
30	shaba05	Shantamurthy, Balakrishna	03/11/2013	Never	155
9	siddu	Siddharta	03/11/2013	03/13/2013	153

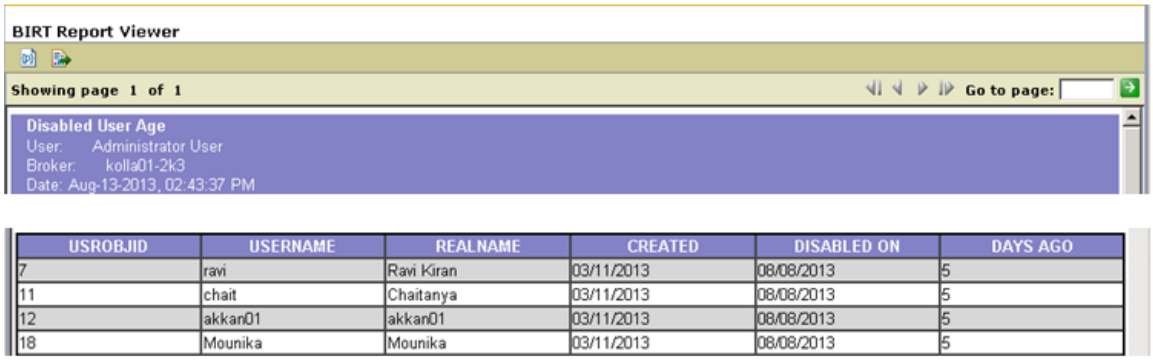
Display	Table
Notes	
Query (Oracle)	select u.usrobjid, u.username, u.realname, to_char(u.creationtime,'YYYY-MM-DD') as "Created", to_char(u.logindate,'YYYY-MM-DD') as "Login Date", (sysdate - u.logindate) as "Days Ago" from haruser u, haruserdata d where u.usrobjid = d.usrobjid and d.accountdisabled = 'N' and u.logindate is not null union select u.usrobjid, u.username, u.realname, to_char(u.creationtime,'YYYY-MM-DD') as "Created", 'Never' as "Login Date", (sysdate - u.creationtime) as "Days Ago" from haruser u, haruserdata d where u.usrobjid = d.usrobjid and d.accountdisabled = 'N' and u.logindate is null order by 6 desc
Query (SQL Server)	select u.usrobjid, u.username, u.realname, convert(varchar, u.creationtime, 101) as "Created", convert(varchar, u.logindate, 101) as "Login Date", datediff(day, u.logindate, getUTCdate()) as "Days Ago" from haruser u, haruserdata d

	where u.usrobjid = d.usrobjid and d.accountdisabled = 'N' and u.logindate is not null union select u.usrobjid, u.username, u.realname, convert(varchar, u.creationtime, 101) as "Created", 'Never' as "Login Date", datediff(day, u.creationtime, getUTCdate()) as "Days Ago" from haruser u, haruserdata d where u.usrobjid = d.usrobjid and d.accountdisabled = 'N' and u.logindate is null order by 6 desc

3.1.2. Disabled User Age

Title	Disabled User Age
Description	This report lists all disabled users, the date which each was disabled, and how many days ago that was. It can be useful for determining which accounts can be deleted.
Scope	Broker

Sample



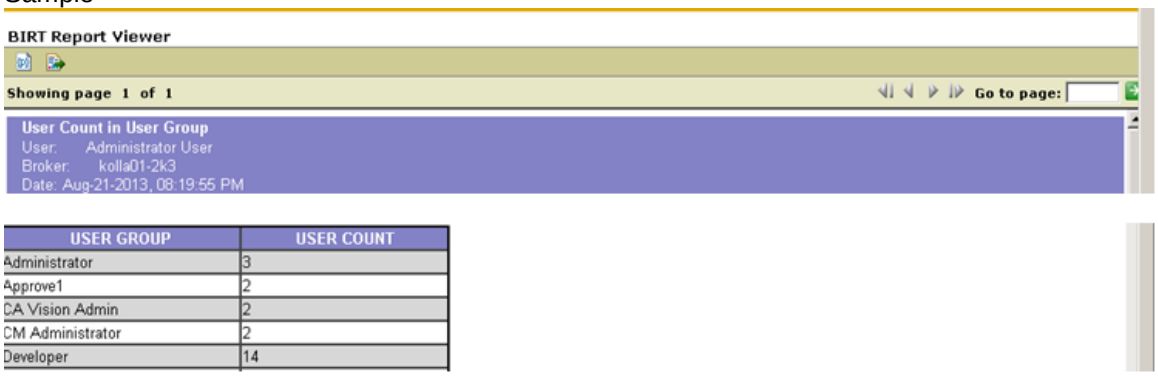
USROBJID	USERNAME	REALNAME	CREATED	DISABLED ON	DAYS AGO
7	ravi	Ravi Kiran	03/11/2013	08/08/2013	5
11	chait	Chaitanya	03/11/2013	08/08/2013	5
12	akkan01	akkan01	03/11/2013	08/08/2013	5
18	Mounika	Mounika	03/11/2013	08/08/2013	5

Display	Table
Notes	
Query (Oracle)	select u.usrobjid, u.username, u.realname, u.creationtime as "Created", u.modifiedtime as "Disabled On or Before", (sysdate - u.modifiedtime) as "Days Ago" from haruser u, haruserdata d where u.usrobjid = d.usrobjid and d.accountdisabled = 'Y' order by 6 desc
Query (SQL Server)	select u.usrobjid, u.username, u.realname, convert(varchar, u.creationtime, 101) as "Created", convert(varchar, u.modifiedtime, 101) as " Disabled On or Before", datediff(day, u.modifiedtime, getUTCdate()) as "Days Ago" from haruser u, haruserdata d where u.usrobjid = d.usrobjid and d.accountdisabled = 'Y' order by 6 desc

3.1.3. User Count in user group

Title	User Count in User Group
Description	This report lists the count of existing users per User Group. It can be useful for restricting the admin users count and access allocation depending on the upcoming needs
Scope	Broker

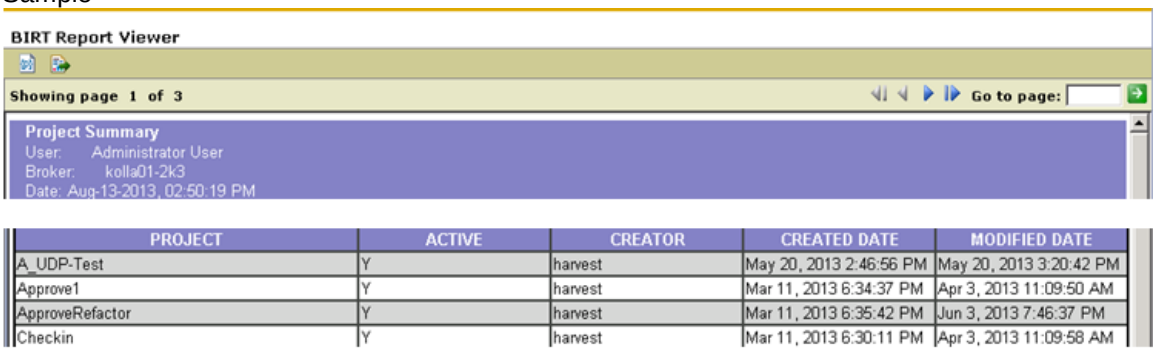
Sample



USER GROUP	USER COUNT
Administrator	3
Approve1	2
CA Vision Admin	2
CM Administrator	2
Developer	14

Display	Table
Notes	
Query	Select harusergroup.usergroupname as "User Group", count(harusersingroup.usrobjid) as "User Count" from harusergroup, harusersingroup where harusersingroup.usrgrpobjid = harusergroup.usrgrpobjid GROUP by usergroupname order by usergroupname

3.1.4. Project Summary

Title	Project Summary
Description	This report is similar to the Project Summary Report available in the CA Harvest SCM Administrator interface. It shows a list of active and inactive projects along with their creator IDs and created/modified times.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select E.environmentname as "Project", E.envisactive as "Active", U.username as "Creator", E.creationtime as "Created Date", E.modifiedtime as "Modified Date" from harenvironment E, harallusers U where E.envobjid != 0 and (E.envisactive = 'Y' or E.envisactive = 'N') and E.creatorid = U.usrobjid order by 1

BIRT Report Viewer

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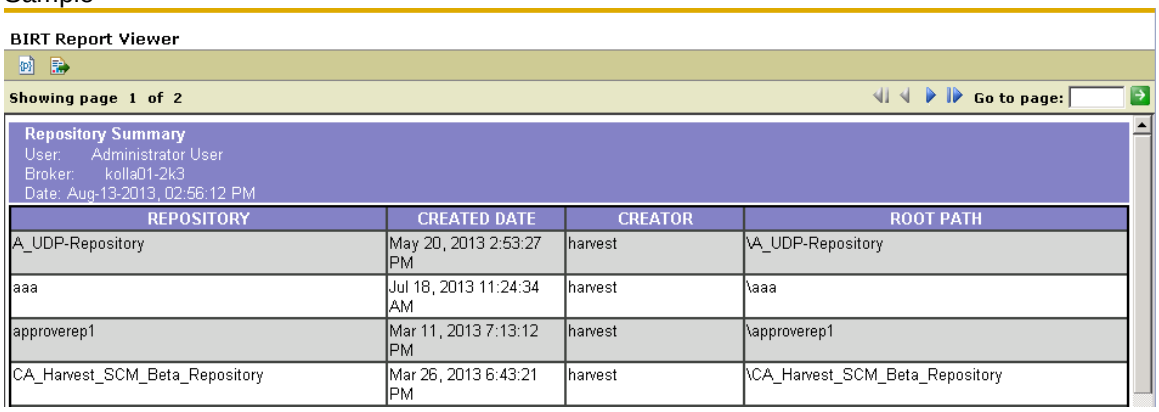
Project Summary
User: Administrator User
Broker: kolla01-2k3
Date: Aug-13-2013, 02:50:19 PM

PROJECT	ACTIVE	CREATOR	CREATED DATE	MODIFIED DATE
A_UDP-Test	Y	harvest	May 20, 2013 2:46:56 PM	May 20, 2013 3:20:42 PM
Approve1	Y	harvest	Mar 11, 2013 6:34:37 PM	Apr 3, 2013 11:09:50 AM
ApproveRefactor	Y	harvest	Mar 11, 2013 6:35:42 PM	Jun 3, 2013 7:46:37 PM
Checkin	Y	harvest	Mar 11, 2013 6:30:11 PM	Apr 3, 2013 11:09:58 AM

3.1.5. Repository Summary

Title	Repository Summary
Description	This report is similar to the Repository Summary Report available in the CA Harvest SCM Administrator interface. It shows a list of repositories along with their created times, creator IDs and root paths.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select R.repositname as "Repository", R.creationtime as "Created Date", U.username as "Creator", D.pathfullname as "Root Path" from harrepository R, harallusers U, harpathfullname D, harview V, harversioninview I where R.creatorid = U.usrobjid and R.rootpathid = D.itemobjid and D.versionobjid = I.versionobjid and I.viewobjid = V.viewobjid and V.viewtype = 'Repository' order by 1

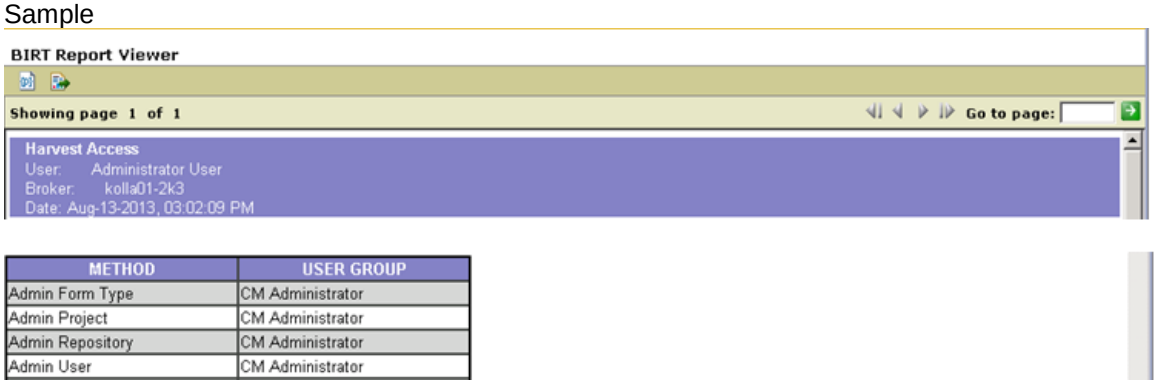
BIRT Report Viewer

Showing page 1 of 2 Go to page:

Repository Summary
User: Administrator User
Broker: kolla01-2k3
Date: Aug-13-2013, 02:56:12 PM

REPOSITORY	CREATED DATE	CREATOR	ROOT PATH
A_UDP-Repository	May 20, 2013 2:53:27 PM	harvest	\A_UDP-Repository
aaa	Jul 18, 2013 11:24:34 AM	harvest	\aaa
approverep1	Mar 11, 2013 7:13:12 PM	harvest	\approverep1
CA_Harvest_SCM_Beta_Repository	Mar 26, 2013 6:43:21 PM	harvest	\CA_Harvest_SCM_Beta_Repository

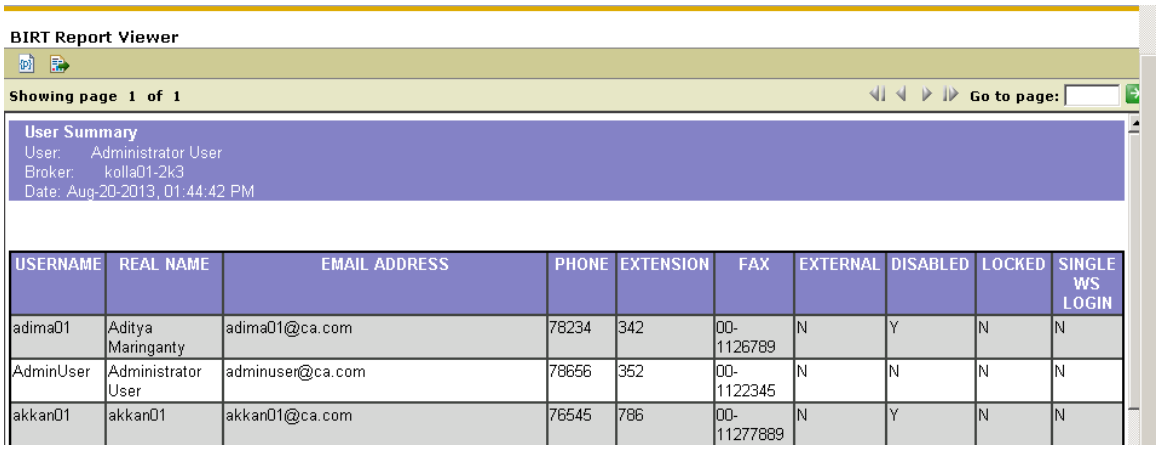
3.1.6. Harvest Access

Title	Harvest Access
Description	This report is similar to the Access Report available in the CA Harvest SCM Administrator interface. It shows a list of top-level access methods and what user groups have those methods assigned.
Scope	Broker
Sample	

METHOD	USER GROUP
Admin Form Type	CM Administrator
Admin Project	CM Administrator
Admin Repository	CM Administrator
Admin User	CM Administrator

Display	Table
Notes	
Query	select 'Secure Harvest' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.secureharvest = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'Admin Project' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.adminenvironment = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'Admin Repository' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.adminrepository = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'Admin User' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.adminuser = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'Admin Form Type' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.adminformtype = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'View Project' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.viewenvironment = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'View Repository' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.viewrepository = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'View User' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.viewuser = 'Y' and H.usrgrpobjid = G.usrgrpobjid union select 'View Form Type' as "Method", G.usergroupname as "User Group" from harharvest H, harusergroup G where H.viewformtype = 'Y' and H.usrgrpobjid = G.usrgrpobjid order by 1,2

3.1.7. User Summary

Title	User Summary
Description	This report is similar to the User Report available in the CA Harvest SCM Administrator interface. It shows a list of active users along with some attributes.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select U.username as "Username", U.realname as "Real Name", U.email as "Email Address", U.phonenumber as "Phone", U.extension as "Extension", U.faxnumber as "Fax", D.accountexternal as "External", D.accountdisabled as "Disabled", D.accountlocked as "Locked", D.swlogin as "Single WS Login" from haruser U, haruserdata D where U.usrobjid = D.usrobjid order by 1

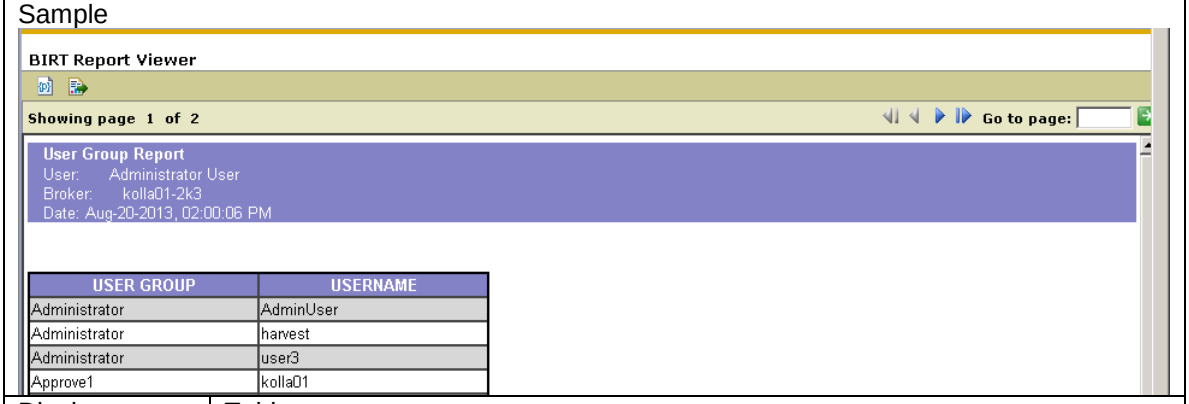
BIRT Report Viewer

Showing page 1 of 1 Go to page:

User Summary
User: Administrator User
Broker: kolla01-2k3
Date: Aug-20-2013, 01:44:42 PM

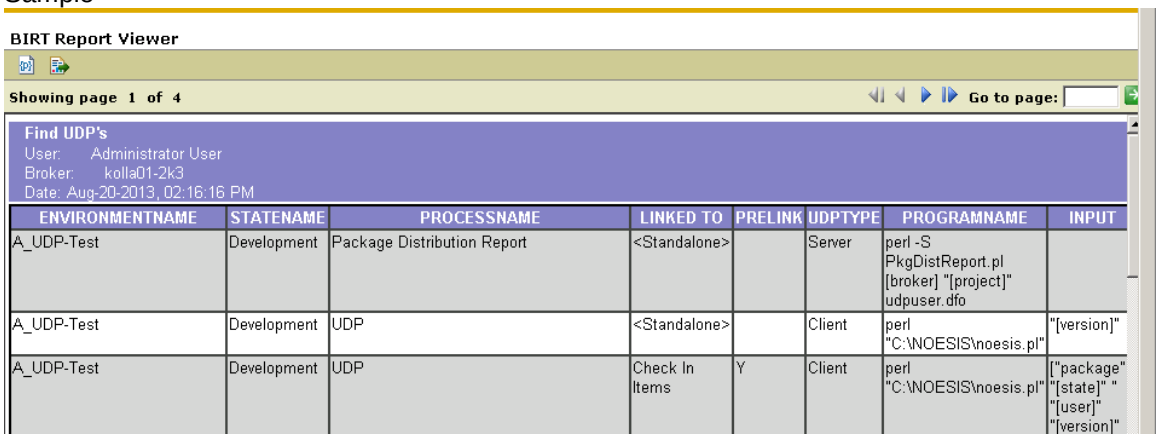
USERNAME	REAL NAME	EMAIL ADDRESS	PHONE	EXTENSION	FAX	EXTERNAL	DISABLED	LOCKED	SINGLE WS LOGIN
adima01	Aditya Maringanty	adima01@ca.com	78234	342	00-1126789	N	Y	N	N
AdminUser	Administrator User	adminuser@ca.com	78656	352	00-1122345	N	N	N	N
akkan01	akkan01	akkan01@ca.com	76545	786	00-11277889	N	Y	N	N

3.1.8. User Group Report

Title	User Group Report
Description	This report is similar to the User Group Report available in the CA Harvest SCM Administrator interface. It shows a list of User Groups (other than the public User Groups) along with their members.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select G.usergroupname as "User Group", U.username as "Username" from harusergroup G left join (harusersingroup I inner join haruser U on I.usrobjid = U.usrobjid) on G.usrgrpobjid = I.usrgrpobjid and G.usrgrpobjid != 2 order by 1,2

USER GROUP	USERNAME
Administrator	AdminUser
Administrator	harvest
Administrator	user3
Approve1	kolla01

3.1.9. Find UDPs

Title	Find UDPs
Description	This report lists all User Defined Processes (UDPs) in the system and for each displays the context, parent process (if applicable), Pre/Post flag, Server/Client type, Program and Input.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select E.environmentname, S.statename, U.processname, '<Standalone>' as "Linked To",' ' as "Prelink", U.udptype, U.programname, U.inputparm as "Input" from harudp U, harenvironment E, harstate S where U.stateobjid = S.stateobjid and S.envobjid = E.envobjid union select E.environmentname, S.statename, U.processname, P.processname as "Linked To", L.processprelink as "Prelink", U.udptype, U.programname, U.inputparm as "Input" from harudp U, harstateprocess P, harlinkedprocess L, harenvironment E, harstate S where U.parentprocobjid = P.processobjid and L.processobjid = U.processobjid and P.stateobjid = S.stateobjid and S.envobjid = E.envobjid order by 1,2,3,4,5,6

BIRT Report Viewer

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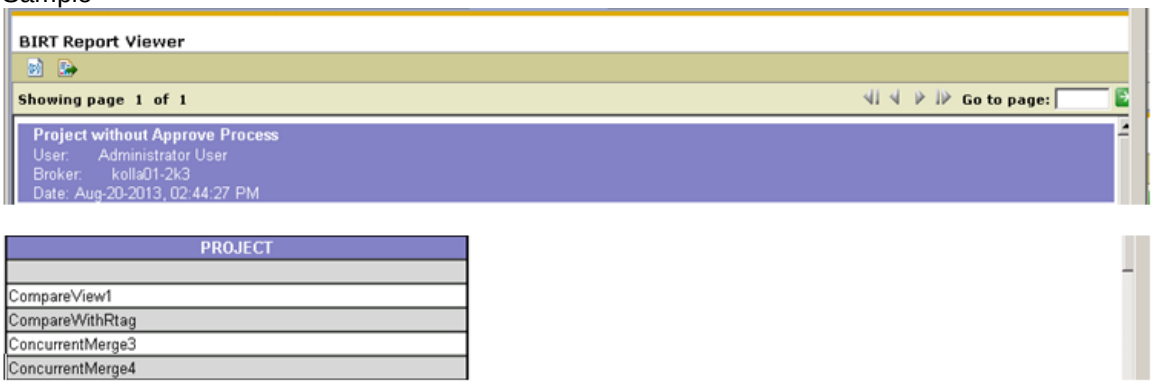
Find UDP's
User: Administrator User
Broker: kolla01-2k3
Date: Aug-20-2013, 02:16:16 PM

ENVIRONMENTNAME	STATENAME	PROCESSNAME	LINKED TO	PRELINK	UDPTYPE	PROGRAMNAME	INPUT
A_UDP-Test	Development	Package Distribution Report	<Standalone>		Server	perl -S PkgDistReport.pl [broker] "[project]" udpuser.dfo	
A_UDP-Test	Development	UDP	<Standalone>		Client	perl "C:\NOESIS\noesis.pl"	"[version]"
A_UDP-Test	Development	UDP	Check In Items	Y	Client	perl "C:\NOESIS\noesis.pl"	["package" "[state]" " "[user]" "[version]"

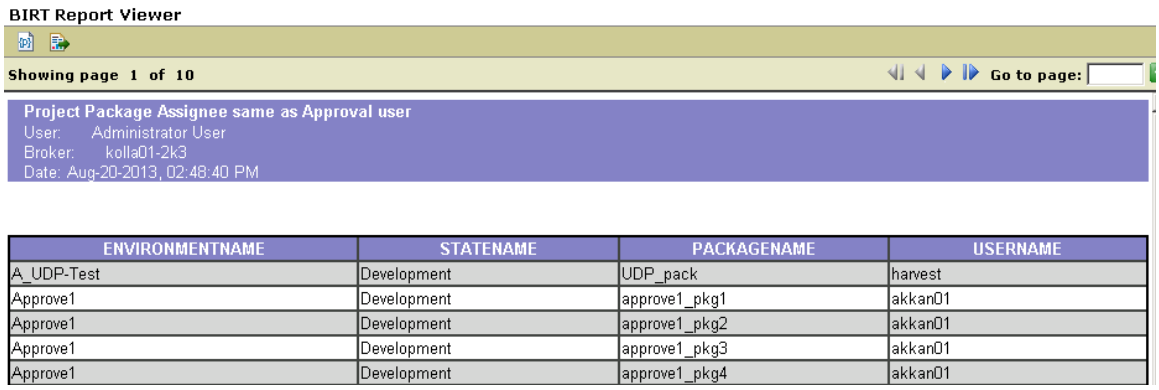
3.1.10. Project Without Approve Process

Title	Project Without Approve Process
Description	This report lists the projects without the Approval process. This can be useful in the Lifecycle management where there are mandated approval process inclusion is imposed.
Scope	Broker
Sample	
Display	Table
Notes	

Query	select distinct E.environmentname as "Project"
	from harEnvironment E
	where not exists (select * from harStateProcess SP, harState S
	  where SP.processtype = 'ApproveProcess'
	  and SP.stateobjid = S.stateobjid
	  and S.envobjid = E.envobjid)
	and e.envisactive = 'Y'
	order by 1;

3.1.11. Project package assignee name same as approval user

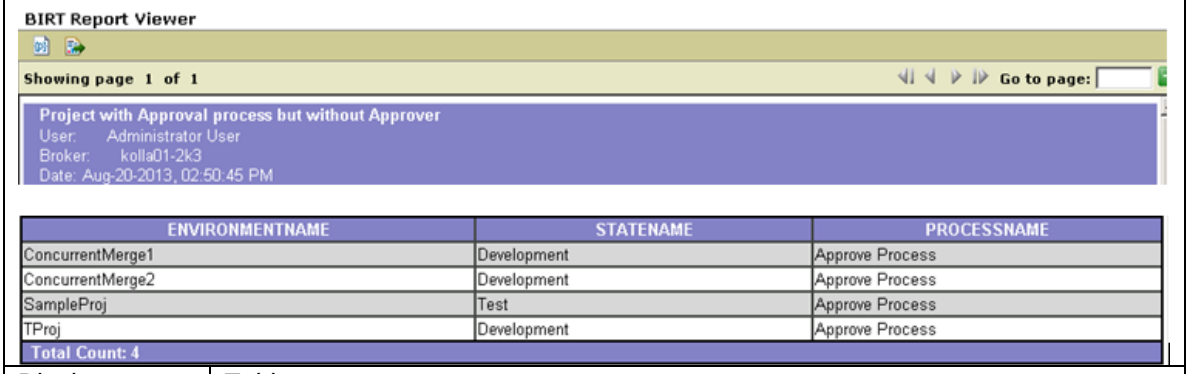
Title	Project Package Assignee same as approval user.
Description	This report lists the users assigned to the package list and the same users if included in the Approval List
Scope	Broker
Sample	



ENVIRONMENTNAME	STATENAME	PACKAGENAME	USERNAME
A_UDP-Test	Development	UDP_pack	harvest
Approve1	Development	approve1_pkg1	akkan01
Approve1	Development	approve1_pkg2	akkan01
Approve1	Development	approve1_pkg3	akkan01
Approve1	Development	approve1_pkg4	akkan01

Display	Table
Notes	
Query	select distinct E.environmentname, PS.statename, P.packagename, AU.username from harEnvironment E, harState S, harPackage P, harAllUsers AU, harStateProcess SP, harState PS where E.envobjid = S.envobjid and E.envisactive = 'Y' and SP.stateobjid = S.stateobjid and SP.processtype = 'ApproveProcess' and P.envobjid = E.envobjid and P.stateobjid = PS.stateobjid and P.assigneeid = AU.usrobjid and P.assigneeid in (select AL.usrobjid from harApproveList AL where SP.processobjid = AL.processobjid union select UIG.usrobjid from harApproveList AL2, harUsersinGroup UIG where AL2.usrgrpobjid = UIG.usrgrpobjid) order by 1, 2, 3;

3.1.12. Project has Approval process but without Approver

Title	Project has Approval process but without Approver
Description	This report lists the projects which have Approval process but users not included in the Approval list. This will be useful when a decision to allot approval users is delayed for any reason or might have been forgotten.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select distinct E.environmentname, S.statename, SP.processname from harEnvironment E, harState S, harStateProcess SP where not exists (select * from harApprovelist AL where AL.processobjid = SP.processobjid) and Sp.processtype = 'ApproveProcess' and Sp.stateobjid = S.stateobjid and S.envobjid = E.envobjid and E.envisactive = 'Y' order by 1, 2, 3;

BIRT Report Viewer

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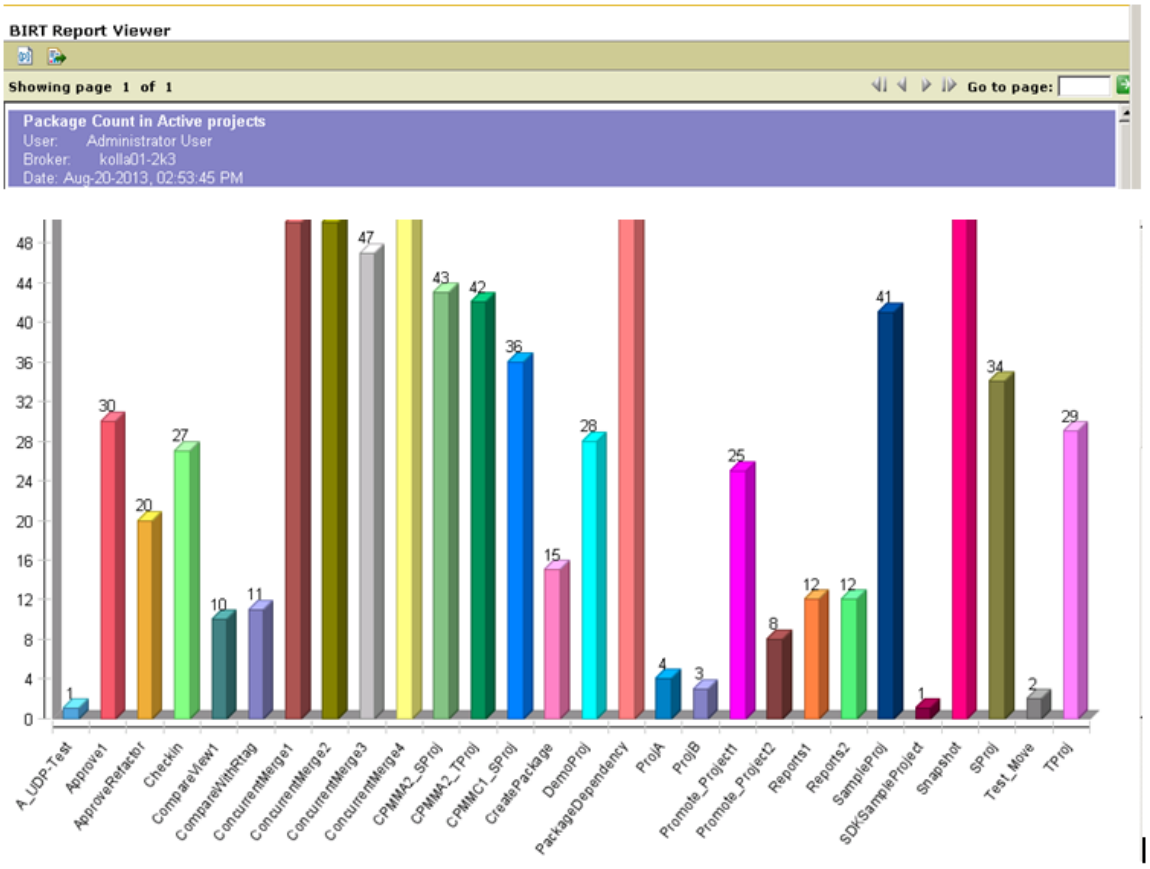
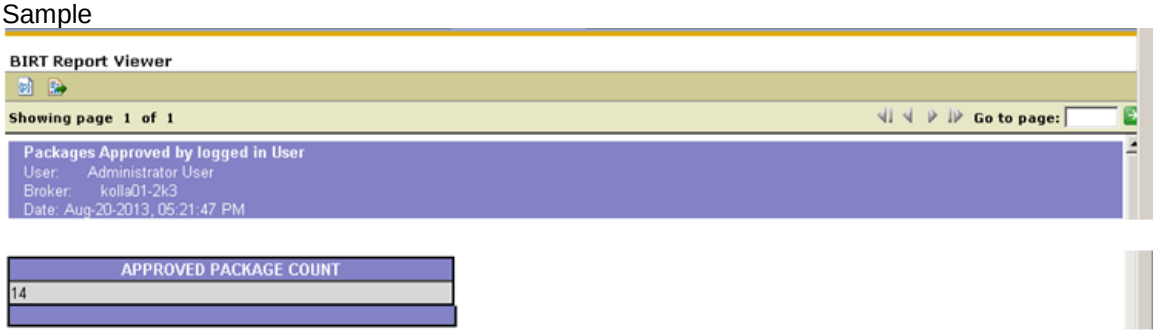
Project with Approval process but without Approver
User: Administrator User
Broker: kolla01-2k3
Date: Aug-20-2013, 02:50:45 PM

ENVIRONMENTNAME	STATENAME	PROCESSNAME
ConcurrentMerge1	Development	Approve Process
ConcurrentMerge2	Development	Approve Process
SampleProj	Test	Approve Process
TProj	Development	Approve Process
Total Count: 4		

3.1.13. Package Count in Active projects

Title	Package Count in Active Projects
Description	This report lists the count of packages per project in all the existing Active Projects. Admins can get an estimate of the activity within the projects ranging from preliminary ,middle staged or ending phase.
Scope	Broker
Sample	
Display	Bar Chart
Notes	
Query	select environmentname as "Project", count(harpackage.packagename) as "Package Count" from harenvironment, harpackage where harpackage.envobjid = harenvironment.envobjid and harenvironment.envisactive = 'Y' and harenvironment.envobjid > 0 group by environmentname order by environmentname

3.1.14. Packages Approved by logon user

Title	Packages Approved by logon user
Description	This report lists the count of the no of the packages approved by the present logged in user.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select count(AH.packageobjid) as "Approved Package Count" from harApproveHist AH, harAllUsers AU, harPackage P where AH.usrobjid = AU.usrobjid and AH.packageobjid = P.packageobjid and AU.usrobjid =${USER_ID}

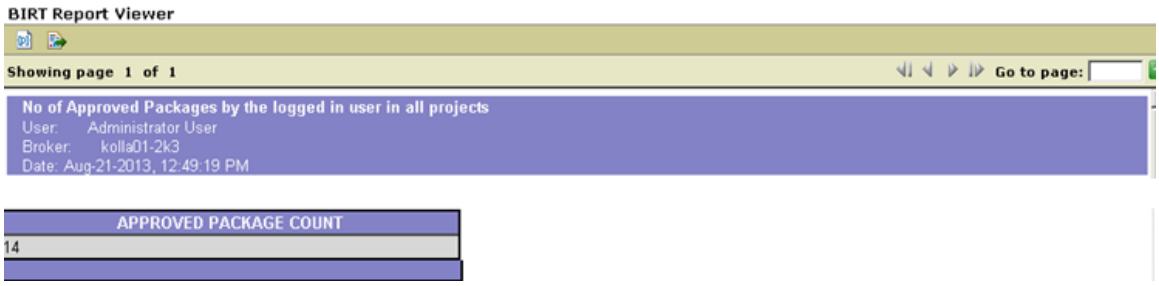
3.1.15. Get the List of Administrators

Title	Get the List of Administrators
Description	This report lists the existing users with administrator access.
Scope	Broker
Sample	

USERNAME	REALNAME	USROBJID	EMAIL	PHONENUMBER	EXTENSION	FAXNUMBER	ENCRYPTPSSWD	PASSWDATTRS	NOTE	CREATORID	M
AdminUser	Administrator User	26	adminuser@ca.com	78656	352	00-1122345		0		1	1
harvest	harvest	1						0		1	1
user3		22						0		1	1
Total Count: 3											

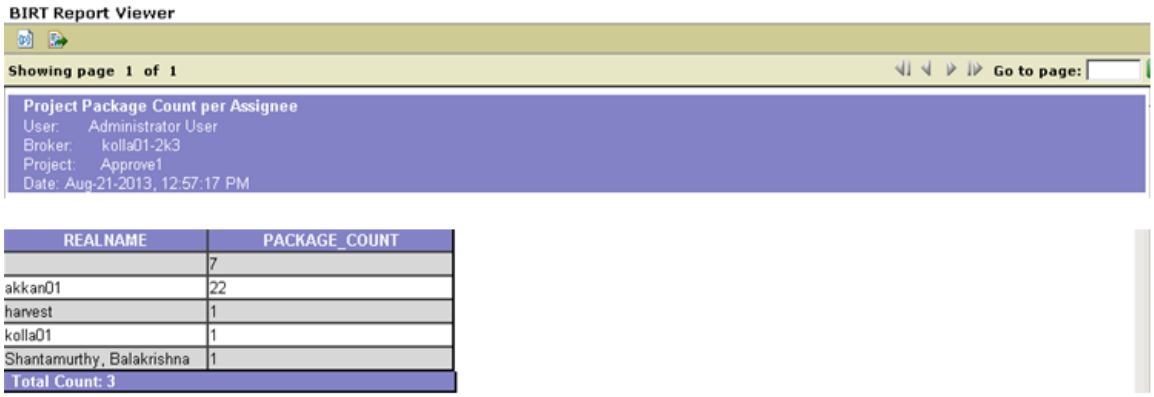
Display	Table
Notes	
Query	select u1.username, u1.realname, u1.usrobjid, u1.email, u1.phonenumber, u1.extension, u1.faxnumber, ' ' as encryptpsswd, u1.passwdattrs, u1.note, u1.creatorid, u1.modifierid, uc.username creatorname, um.username modifiername, u1.creationtime, u1.modifiedtime, upper(u1.username) as dummy1, ud.accountexternal, ud.swlogin, ud.accountlocked, ud.accountdisabled from haruser u1, harusersingroup uug1, haruserdata ud, harallusers uc, harallusers um, harusergroup ug where ug.usergroupname = 'administrator' and uug1.usrgrpobjid = ug.usrgrpobjid and u1.creatorid = uc.usrobjid and u1.modifierid = um.usrobjid and uug1.usrobjid = u1.usrobjid and u1.usrobjid = ud.usrobjid order by upper(u1.username)

3.1.16. No of approved packages by the logon user on all projects

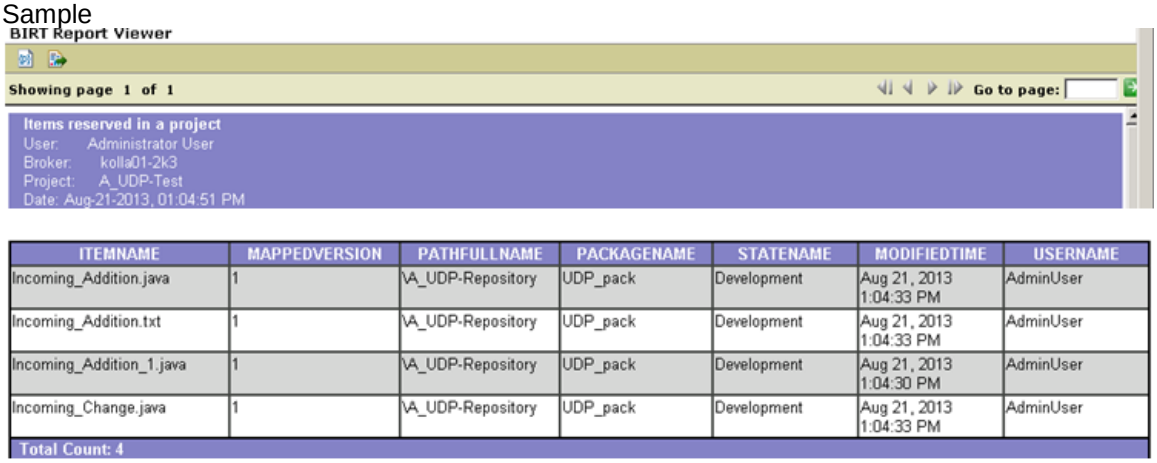
Title	No of approved packages by the logon user on all projects (Approved packages list from all projects by the logged in user)
Description	This report lists the no of approved packages by the logged in user from all the projects.
Scope	Broker
Sample	
Display	Table
Notes	
Query	select count(AH.packageobjid) as "Approved Package Count" from harApproveHist AH, harAllUsers AU, harPackage P where AH.usrobjid = AU.usrobjid and AH.packageobjid = P.packageobjid and AU.usrobjid =${USER_ID}

3.2 Project level sample custom reports

3.2.1. Project Package Count per assignee

Title	Project Package Count per Assignee
Description	This report lists the Package Count per Assignee per project. This will be useful in determining how many change units(packages) are worked upon by respective users in the Project
Scope	Project
Sample	 REALNAME | PACKAGE_COUNT 7 akkan01 | 22 harvest | 1 kolla01 | 1 Shantamurthy, Balakrishna | 1 Total Count: 3
Display	Table
Notes	
Query	select AU.realname, count(P.packageobjid) as Package_Count from harPackage P, harAllUsers AU where P.assigneeid != 0 and P.assigneeid = AU.usrobjid and P.envobjid = ${PROJECT_ID} group by AU.username, AU.realname

3.2.2. Items reserved in a project

Title	Items reserved in a project
Description	This report lists the items reserved in a specific project. This will help the users to identify the initiated changes for new enhancement or items currently being worked upon by all developers.
Scope	Project
Sample	
Display	Table
Notes	
Query	select nam.itemname, ver.mappedversion, pfn.pathfullname, pkg.packagename, st.statename, ver.modifiedtime, usr.username from harversions ver, harversioninview viv, harview vw, haritemname nam, harpathfullname pfn, harpackage pkg, harallusers usr, harstate st where vw.envobjid = ${PROJECT_ID} and ver.versionstatus = 'R' and viv.viewobjid = vw.viewobjid and viv.versionobjid = ver.versionobjid and ver.versionobjid = (select max(ver2.versionobjid) from harversions ver2 where ver2.itemobjid = ver.itemobjid) and nam.nameobjid = ver.itemnameid and pfn.versionobjid = ver.pathversionid and pkg.packageobjid = ver.packageobjid and usr.usrobjid = ver.modifierid and st.stateobjid = pkg.stateobjid order by nam.itemname

BIRT Report Viewer

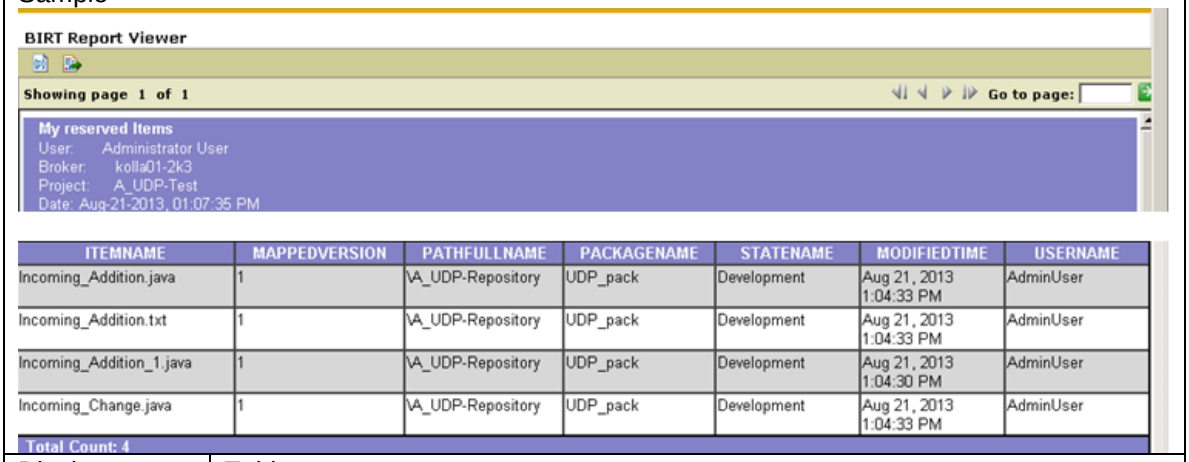
Showing page 1 of 1 Go to page:

Items reserved in a project
User: Administrator User
Broker: kolla01-2k3
Project: A_UDP-Test
Date: Aug-21-2013, 01:04:51 PM

ITEMNAME	MAPPEDVERSION	PATHFULLNAME	PACKAGENAME	STATENAME	MODIFIEDTIME	USERNAME
Incoming_Addition.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser
Incoming_Addition.txt	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser
Incoming_Addition_1.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:30 PM	AdminUser
Incoming_Change.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser

Total Count: 4

3.2.3. My Reserved Items

Title	My Reserved Items
Description	This report lists the items checked out by the logged in user. If the user is switching between multiple tasks For ex: Emergency fixes and new feature development, this will help the user identify the items he was previously working with or any left over changes.
Scope	Project
Sample	
Display	Table
Notes	
Query	select nam.itemname, ver.mappedversion, pfn.pathfullname, pkg.packagename, st.statename, ver.modifiedtime, usr.username from harversions ver, harversioninview viv, harview vw, haritemname nam, harpathfullname pfn, harpackage pkg, harallusers usr, harstate st where ver.modifierid = ${USER_ID} and vw.envobjid = ${PROJECT_ID} and ver.versionstatus = 'R' and viv.viewobjid = vw.viewobjid and viv.versionobjid = ver.versionobjid and ver.versionobjid = (select max(ver2.versionobjid) from harversions ver2 where ver2.itemobjid = ver.itemobjid) and nam.nameobjid = ver.itemnameid and pfn.versionobjid = ver.pathversionid and pkg.packageobjid = ver.packageobjid and usr.usrobjid = ver.modifierid and st.stateobjid = pkg.stateobjid order by nam.itemname

BIRT Report Viewer

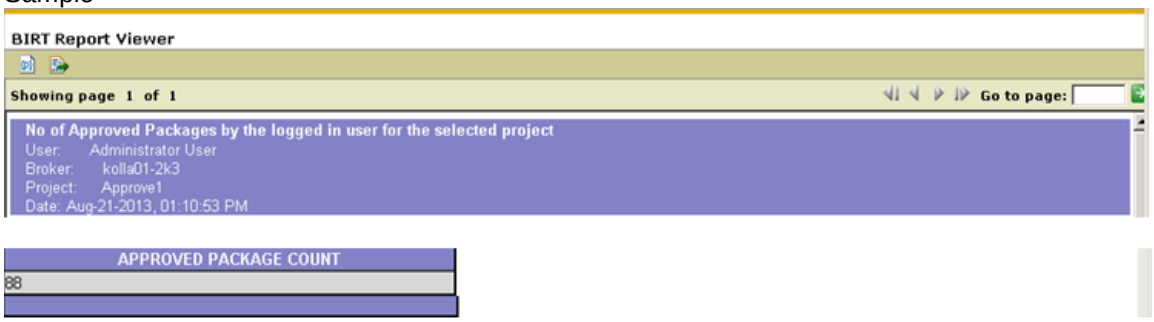
Showing page 1 of 1 Go to page:

My reserved Items
User: Administrator User
Broker: kolla01-2k3
Project: A_UDP-Test
Date: Aug-21-2013, 01:07:35 PM

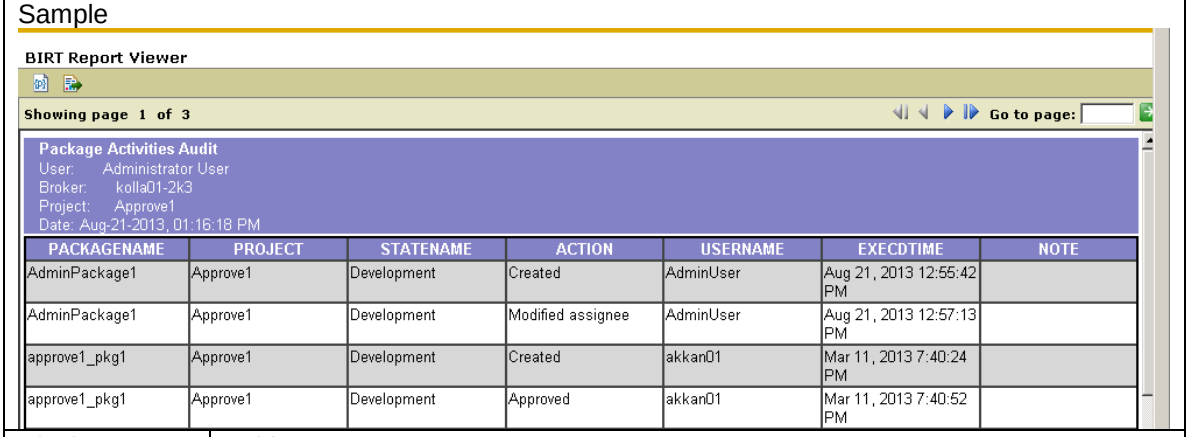
ITEMNAME	MAPPEDVERSION	PATHFULLNAME	PACKAGENAME	STATENAME	MODIFIEDTIME	USERNAME
Incoming_Addition.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser
Incoming_Addition.txt	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser
Incoming_Addition_1.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:30 PM	AdminUser
Incoming_Change.java	1	\A_UDP-Repository	UDP_pack	Development	Aug 21, 2013 1:04:33 PM	AdminUser

Total Count: 4

3.2.4. Approved packages list by the login user

Title	No of approved packages by the logon user on the selected project (Approved packages list by the log in user)
Description	This report lists the no of approved packages by the logged in user on the selected project.
Sample	
Scope	Project
Display	Table
Notes	
Query	select count(AH.packageobjid) as "Approved Package Count" from harApproveHist AH, harAllUsers AU, harPackage P where AH.usrobjid = ${USER_ID} and AH.packageobjid = P.packageobjid and P.envobjid = ${PROJECT_ID}

3.2.5. Package Activities Audit

Title	Package Activities Audit
Description	This report lists the activities of the package For ex: creation, approval, promotion tasks and by whom.
Scope	Project
Sample	
Display	Table
Notes	
Query	select P.packagename, PH.environmentname as "Project", PH.statename, PH.Action, AU.username, PH.execdtime, PH.note from harpkghistory PH, harPackage P, harAllUsers AU where PH.envobjid = ${PROJECT_ID} and PH.packageobjid = P.packageobjid and PH.usrobjid = AU.usrobjid union select P.packagename, E.environmentname, S.statename, PH.Action, AU.username, PH.execdtime, PH.note from harApprovehist PH, harPackage P, harAllUsers AU, harEnvironment E, harState S where PH.envobjid = ${PROJECT_ID} and PH.packageobjid = P.packageobjid and PH.usrobjid = AU.usrobjid and PH.envobjid = E.envobjid and PH.stateobjid = S.stateobjid order by 6, 1;

BIRT Report Viewer

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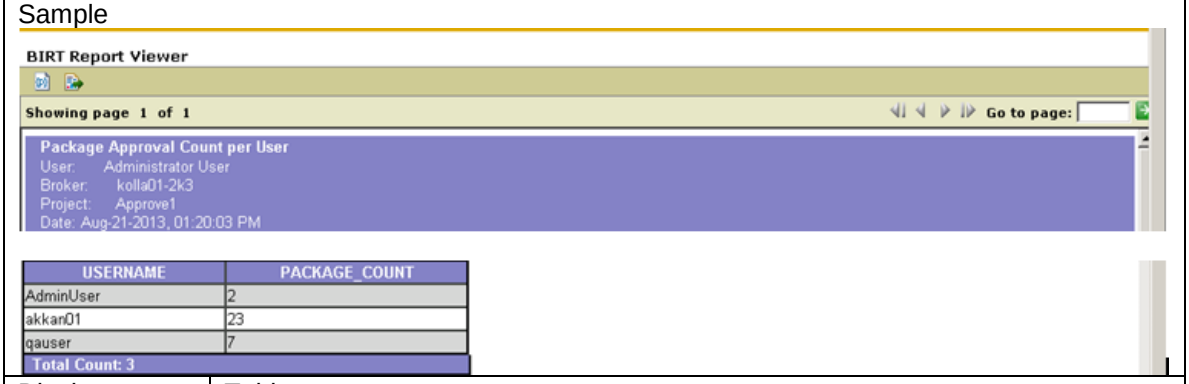
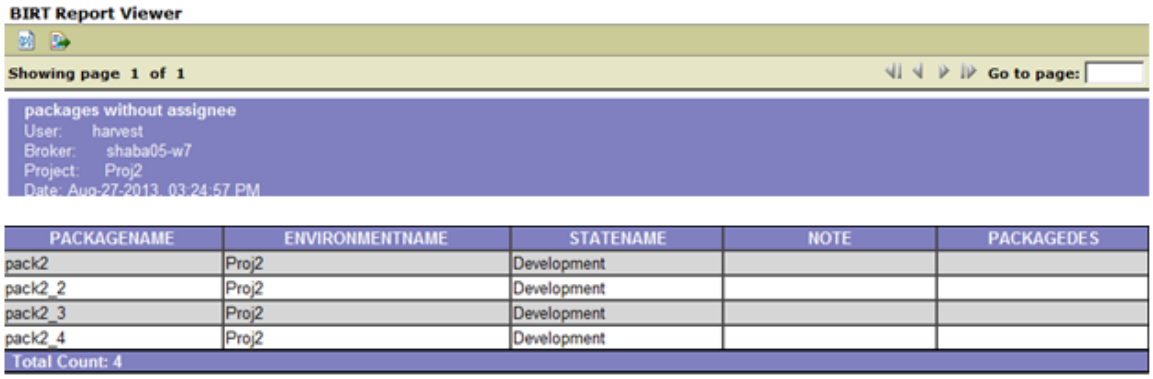
Package Activities Audit
User: Administrator User
Broker: kolla01-2k3
Project: Approve1
Date: Aug-21-2013, 01:16:18 PM

PACKAGENAME	PROJECT	STATENAME	ACTION	USERNAME	EXECDTIME	NOTE
AdminPackage1	Approve1	Development	Created	AdminUser	Aug 21, 2013 12:55:42 PM	
AdminPackage1	Approve1	Development	Modified assignee	AdminUser	Aug 21, 2013 12:57:13 PM	
approve1_pkg1	Approve1	Development	Created	akkan01	Mar 11, 2013 7:40:24 PM	
approve1_pkg1	Approve1	Development	Approved	akkan01	Mar 11, 2013 7:40:52 PM	

3.2.6. Package Approval Count per user

Title	Package Approval Count per User
Description	This report lists the count of the packages approved by each user on the selected project.
Scope	Project
Sample	 USERNAME / PACKAGE_COUNT AdminUser 2 akkan01 23 qauser 7 Total Count: 3
Display	Table
Notes	
Query	select AU.username, count(AH.packageobjid) as "Package_Count" from harApproveHist AH, harAllUsers AU, harPackage P where AH.usrobjid = AU.usrobjid and AH.packageobjid = P.packageobjid and P.envobjid = ${PROJECT_ID} group by AU.username;

3.2.7. Packages without assignee

Title	Packages without Assignee
Description	This report lists the count of the packages without assignee.This will help the administrator/project manager identify the unassigned packages and assign them to the respective users.
Scope	Project
Sample	
Display	Table
Notes	
Query	select P.packagename, E.environmentname, S.statename, P.note, P.packagedes from harPackage P, harEnvironment E, harState S where P.assigneeid < 0 and P.envobjid = ${PROJECT_ID} and P.envobjid = E.envobjid and P.stateobjid = S.stateobjid order by 1, 2, 3;

BIRT Report Viewer

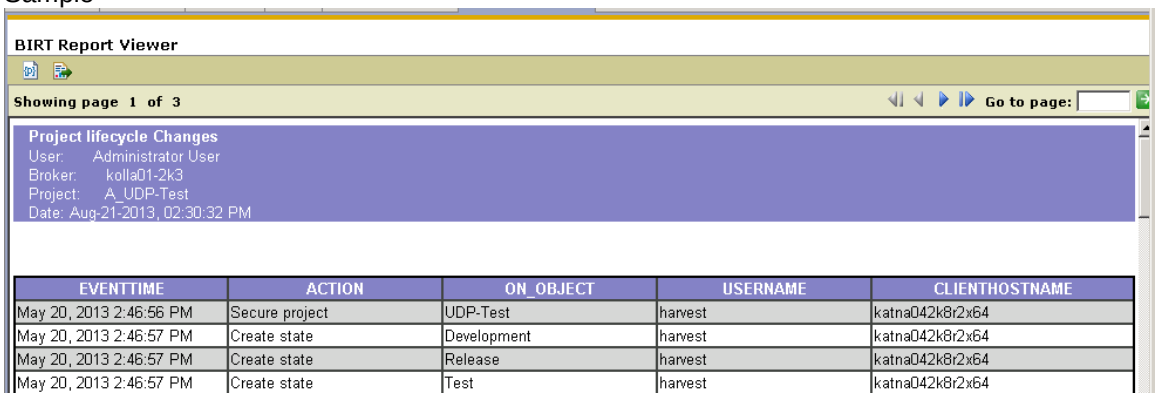
Showing page 1 of 1 Go to page:

packages without assignee
User: harvest
Broker: shaba05-w7
Project: Proj2
Date: Aug-27-2013, 03:24:57 PM

PACKAGENAME	ENVIRONMENTNAME	STATENAME	NOTE	PACKAGEDES
pack2	Proj2	Development		
pack2_2	Proj2	Development		
pack2_3	Proj2	Development		
pack2_4	Proj2	Development		

Total Count: 4

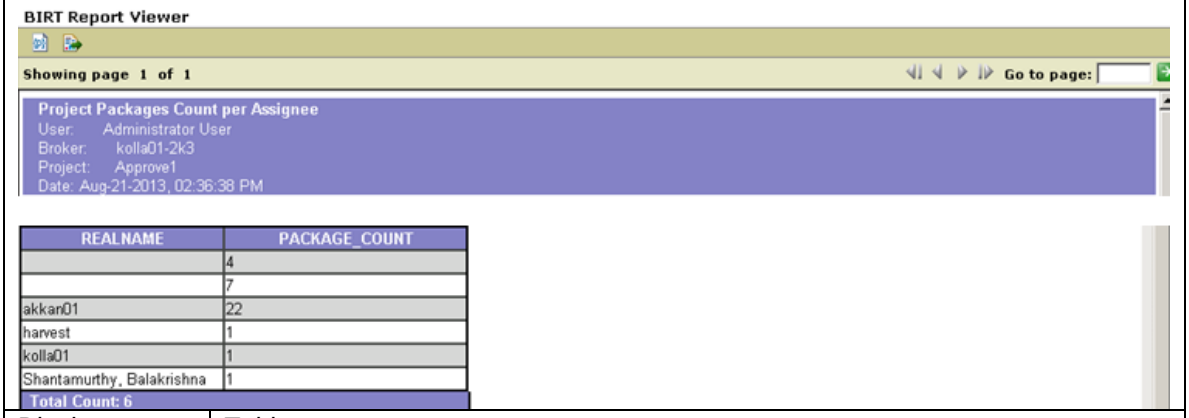
3.2.8. Project Lifecycle Changes

Title	Project Lifecycle Changes
Description	This report lists the changes included in the project lifecycle for ex: creation of a state, update a state, create a working view and will be helpful for the administrator to identify any recent changes in the lifecycle included.
Scope	Project
Sample	
Display	Table
Notes	
Query	select AE.eventtime, A.actionname as action,AE.resourcename as on_object, AE.username, AE.clienthostname from harAuditevent AE, harAction A where ae.actionobjid in (201, 204, 205) and A.actionobjid = AE.actionobjid and AE.resourceobjid = ${PROJECT_ID} union select AE.eventtime, A.actionname as action,AE.resourcename as objectname, AE.username, AE.clienthostname from harAuditevent AE, harAction A, harState S where ae.actionobjid in (700, 701, 704, 705) and A.actionobjid = AE.actionobjid and S.envobjid = ${PROJECT_ID} and AE.resourceobjid = S.stateobjid union select AE.eventtime, A.actionname as action,AE.resourcename as objectname, AE.username, AE.clienthostname from harAuditevent AE, harAction A, harView W where ae.actionobjid in (801, 805, 900, 901, 904, 905, 1000, 1004, 1005) and A.actionobjid = AE.actionobjid and W.envobjid = ${PROJECT_ID} and AE.resourceobjid = W.viewobjid union select AE.eventtime, A.actionname as action,AE.resourcename as objectname, AE.username, AE.clienthostname from harAuditevent AE, harAction A, harStateProcess SP, harState S where ae.actionobjid in (1300, 1301, 1304, 1305) and A.actionobjid = AE.actionobjid and S.envobjid = ${PROJECT_ID} and SP.stateobjid = S.stateobjid

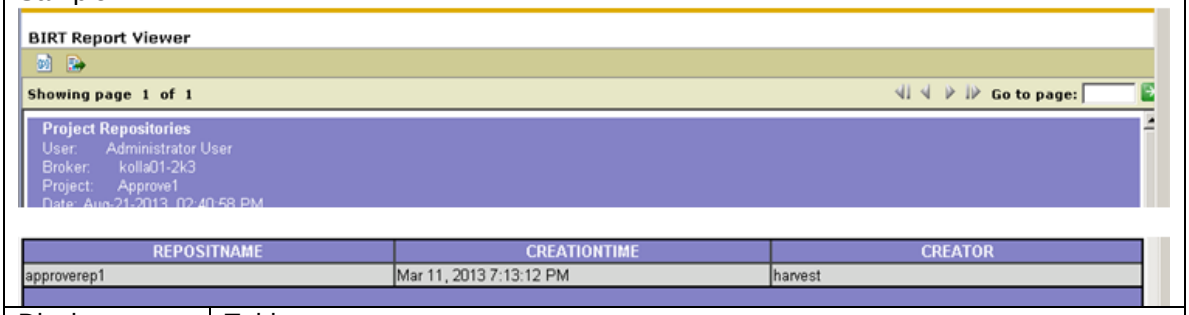
EVENTTIME	ACTION	ON_OBJECT	USERNAME	CLIENTHOSTNAME
May 20, 2013 2:46:56 PM	Secure project	UDP-Test	harvest	katna042k8r2x64
May 20, 2013 2:46:57 PM	Create state	Development	harvest	katna042k8r2x64
May 20, 2013 2:46:57 PM	Create state	Release	harvest	katna042k8r2x64
May 20, 2013 2:46:57 PM	Create state	Test	harvest	katna042k8r2x64

	and AE.resourceobjid = SP.processobjid order by 1;

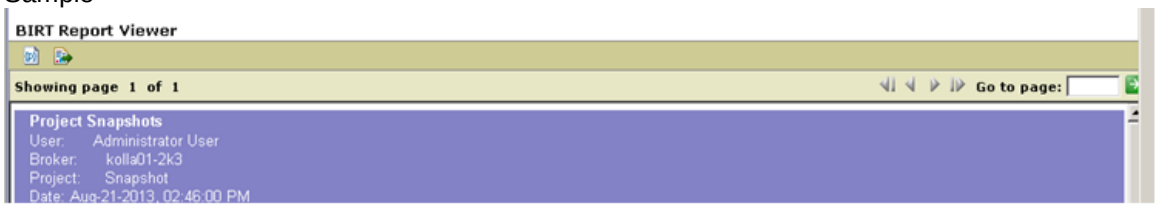
3.2.9. Project Package Count per Assignee

Title	Project Package Count per Assignee
Description	This report lists the package count per assignee on the selected project.
Scope	Project
Sample	 BIRT Report Viewer Showing page 1 of 1 Go to page: Project Packages Count per Assignee User: Administrator User Broker: kolla01-2k3 Project: Approve1 Date: Aug-21-2013, 02:36:38 PM REALNAME | PACKAGE_COUNT 4 7 akkan01 | 22 harvest | 1 kolla01 | 1 Shantamurthy, Balakrishna | 1 Total Count: 6
Display	Table
Notes	
Query	select AU.realname, count(P.packageobjid) as Package_Count from harPackage P, harAllUsers AU where P.assigneeid != 0 and P.assigneeid = AU.usrobjid and P.envobjid = ${PROJECT_ID} group by AU.username, AU.realname

3.2.10. Project Repositories

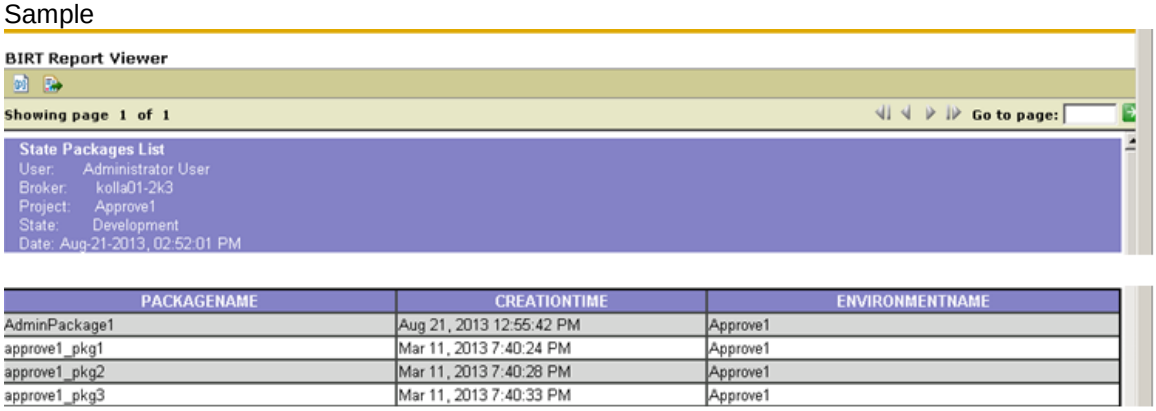
Title	Project Repositories
Description	This report lists the repositories that are base lined to the selected project.
Scope	Project
Sample	
Display	Table
Notes	
Query	select distinct rep.repositname, rep.creationtime, usr.username AS Creator from harrepository rep, harallusers usr, harrepinview riv, harview vw where vw.envobjid = ${PROJECT_ID} and riv.viewobjid = vw.viewobjid and rep.repositobjid = riv.repositobjid and usr.usrobjid = rep.creatorid order by rep.repositname

3.2.11. Project Snapshots

Title	Project Snapshots
Description	This report lists the snapshots taken on the selected project. This will be helpful in base lining other projects with an earlier snapshot as required for the branching.
Scope	Project
Sample	 SNAPSHOT NAME / CREATIONTIME / CREATOR Snap101 / Mar 12, 2013 6:53:20 PM / akkan01 Snap11 / Mar 12, 2013 6:45:22 PM / akkan01 Snap121 / Mar 12, 2013 6:53:45 PM / akkan01 Snap131 / Mar 12, 2013 6:54:24 PM / akkan01
Display	Table
Notes	
Query	select vw.viewname AS "Snapshot Name", vw.creationtime, usr.username AS Creator from harview vw, harallusers usr where vw.envobjid = ${PROJECT_ID} and vw.viewtype = 'Snapshot' and usr.usrobjid = vw.creatorid order by vw.viewname

3.3 State level sample custom reports

3.3.1. State Package list

Title	State Package list
Description	This report lists the packages ,creation time of the packages within the state
Scope	State
Sample	
Display	Table
Notes	
Query	select P.packagename, P.creationtime, E.environmentname from harpackage P, harenvironment E where P.stateobjid = ${STATE_ID} and P.envobjid = E.envobjid order by 1

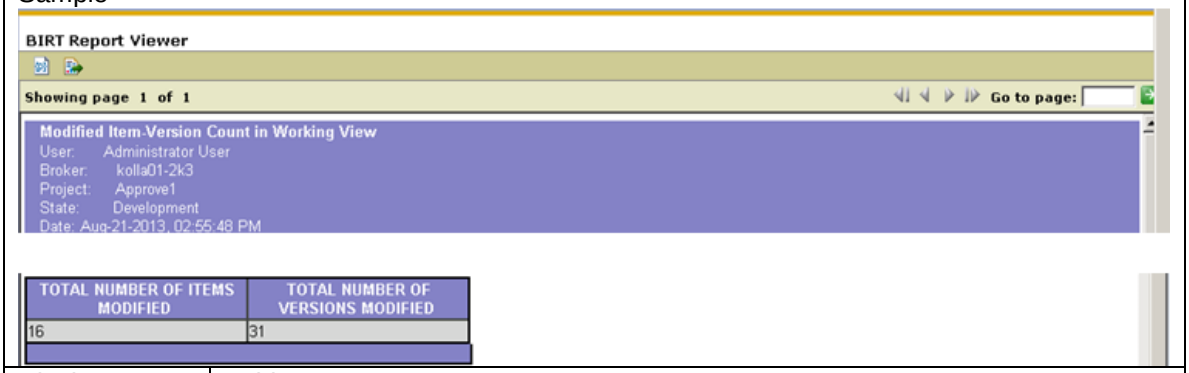
BIRT Report Viewer

Showing page 1 of 1 Go to page:

State Packages List
User: Administrator User
Broker: kolla01-2k3
Project: Approve1
State: Development
Date: Aug-21-2013, 02:52:01 PM

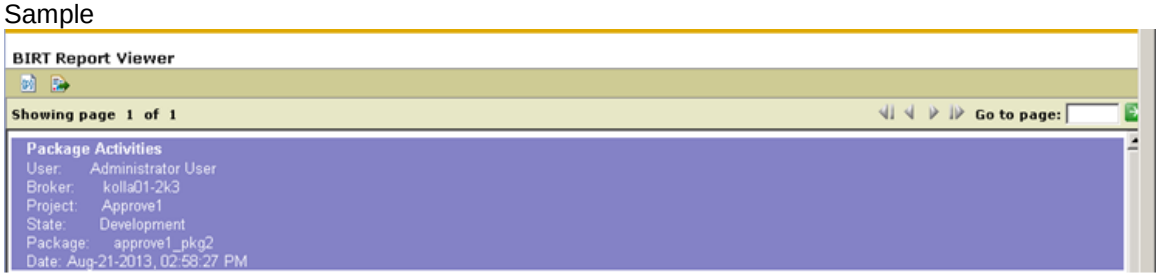
PACKAGENAME	CREATIONTIME	ENVIRONMENTNAME
AdminPackage1	Aug 21, 2013 12:55:42 PM	Approve1
approve1_pkg1	Mar 11, 2013 7:40:24 PM	Approve1
approve1_pkg2	Mar 11, 2013 7:40:28 PM	Approve1
approve1_pkg3	Mar 11, 2013 7:40:33 PM	Approve1

3.3.2. Modified Item –Version Count in Working View

Title	Modified Item-Version Count in Working View
Description	This report lists the version count of the modified item in the working view (state) chosen.
Scope	State
Sample	
Display	Table
Notes	
Query	select count(distinct v.itemobjid) as 'Total number of Items modified ', count(distinct v.versionobjid) as 'Total number of Versions modified ' from harVersions V, harVersionInView VIV, harView W, harState S where S.stateobjid = ${STATE_ID} and W.viewobjid = S.viewobjid and viv.viewobjid in (w.viewobjid) and viv.versionobjid = v.versionobjid and v.itemtype = 1

3.4 Package level sample custom reports

3.4.1. Package Activities

Title	Package Activities
Description	This report lists the activities w.r.t the package For Ex: creation, Assignee change,approval,switch versions,promote etc.
Scope	Package
Sample	

PACKAGENAME	PROJECT	STATENAME	ACTION	USERNAME	DATETIME	NOTE
approve1_pkg2	Approve1	Development	Created	akkan01	Mar 11, 2013 7:40:28 PM	
approve1_pkg2	Approve1	Development	Approved	akkan01	Mar 11, 2013 7:40:52 PM	
approve1_pkg2	Approve1	Development	Approved	akkan01	Mar 11, 2013 7:40:52 PM	
approve1_pkg2	Approve1	Development	Approved	AdminUser	Aug 20, 2013 5:19:55 PM	

Display	Table
Notes	
Query	select P.packagename, PH.environmentname as "Project", PH.statename, PH.Action, AU.username, PH.execdtime as "DateTime", PH.note from harpkghistory PH, harPackage P, harAllUsers AU where PH.packageobjid = ${PACKAGE_ID} and PH.packageobjid = P.packageobjid and PH.usrobjid = AU.usrobjid union select P.packagename, E.environmentname, S.statename, PH.Action, AU.username, PH.execdtime, PH.note from harApprovehist PH, harPackage P, harAllUsers AU, harEnvironment E, harState S where PH.packageobjid = ${PACKAGE_ID} and PH.packageobjid = P.packageobjid and PH.usrobjid = AU.usrobjid and PH.envobjid = E.envobjid and PH.stateobjid = S.stateobjid order by 1, 6

3.5 ITIL Reports

3.5.1 Forward Schedule of Changes – Month –All

Title	Forward Schedule of Changes - Month – All
Description	This report displays unimplemented RFCs from all active projects that are scheduled to be implemented within the next month.
Scope	Broker
Display	Table
Notes	This report is based on a Harvest custom form, the ITIL Request For Change (RFC). To change the number of futures days that this reports searches within, change the value within the DATEADD() function.
Query (SQL Server)	select E.environmentname as 'Project', P.packagename as "Package", F.formname as "Form", convert(varchar, R.rfc_sched_date, 101) as "Scheduled Date", R.rfc_desc as Description, R.rfc_priority as Priority, R.rfc_category as Category, R.rfc_imp_plan as "Implementation Plan", S.statename as State from harenvironment E, harpackage P, harform F, harassocpkg A, itilrfc R, harstate S where E.envisactive = 'Y' and E.envobjid = P.envobjid and E.envobjid = S.envobjid and P.stateobjid = S.stateobjid and P.packageobjid = A.assocpkgid and A.formobjid = F.formobjid and A.formobjid = R.formobjid and R.rfc_sched_date <= DATEADD(day,31,getUTCdate()) and R.rfc_imp_date is NULL order by R.rfc_sched_date, E.environmentname, F.formname

3.5.2 Forward Schedule of Changes -Month

Title	Forward Schedule of Changes – Month
Description	This report displays unimplemented RFCs from the selected project that are scheduled to be implemented within the next month.
Scope	Project
Display	Table
Notes	This report is based on a Harvest custom form, the ITIL Request For Change (RFC). To change the number of futures days that this reports searches within, change the value within the DATEADD() function.
Query (SQL Server)	select getUTCdate() as "Now", E.environmentname as 'Project', P.packagename as "Package", F.formname as "Form", convert(varchar, R.rfc_sched_date, 112) as "Scheduled Date", R.rfc_desc as Description, R.rfc_priority as Priority, R.rfc_category as Category, R.rfc_imp_plan as "Implementation Plan", S.statename as State from harenvironment E, harpackage P, harform F, harassocpkg A, itilrfc R, harstate S where E.envobjid = ${PROJECT_ID} and E.envobjid = P.envobjid and E.envobjid = S.envobjid and P.stateobjid = S.stateobjid and P.packageobjid = A.assocpkgid and A.formobjid = F.formobjid and A.formobjid = R.formobjid and R.rfc_sched_date <= DATEADD(day,31,getUTCdate()) and R.rfc_imp_date is NULL order by R.rfc_sched_date, E.environmentname, F.formname