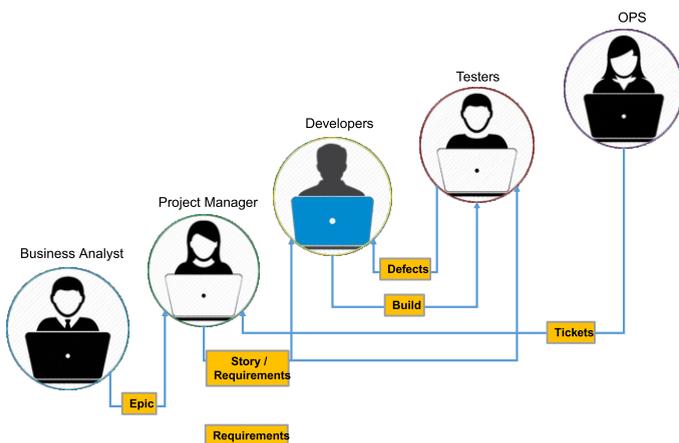


KOVAIR OMNIBUS INTEGRATION PLATFORM

Automated Data Flow Connecting Tools, Teams and Processes

Though you have purchased best of breed tools for each phase of application lifecycle, the tools processes and teams are still disconnected. There are still information scavenger hunts, lot of manual re-keying of information to keep everyone updated with the progress. Lot of email threads and meetings are making the process even slower causing project delays.

An integrated environment is the solution. Information should flow automatically from tools used by BA's to the tools used by Developers and the testing tools used by Testers. Every stakeholder works in their tool of choice, but has access to update other team members in their tools in a real-time manner.



Automatic data flow between tools enabling teams with:

- Cross tools Analytics, Metrics and Dashboards — a complete view of all aspects of the development projects
- Real-time update on progress without the need of meetings & mails
- Free information from Tool Silos to create actionable intelligence — no more pockets of hidden inefficiencies

WHY THE KOVAIR OMNIBUS INTEGRATION PLATFORM?

Kovair Omnibus is a SOA architected proprietary ESB platform along with the availability of REST APIs for interacting with other tools. Kovair Omnibus having 80+ integrations with commercial tools of different phases of ALM, ITSM & PLM, along with a data repository provides unique value proposition of cross tool traceability, reports, and dashboards. Kovair Omnibus with its capability of integrating multiple types of tools helps organizations implement DevOps and helps protect their current investments.



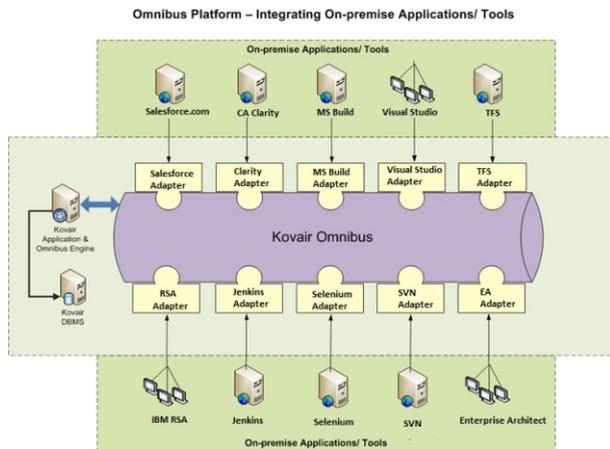
KOVAIR OMNIBUS – Major Benefits

- Service Oriented Architecture (SOA) based proprietary Enterprise Service Bus (ESB)
- Enabled with REST API for others to establish an integrated environment without having the need for knowing individual tool APIs
- Very easy implementation with web based mouse click configuration of data flow rules and required mapping
- Allows organizations to start small and scale fast
- Protects your existing investment by integrating your existing tools from ALM, ITSM, PLM as well as In- house tools
- Integrate tools of your value stream and implement DevOps
- Use for moving the data from all integrated tools to Data Lake for cross tool advanced analytics
- Thin Adapters with configurable business rules
- Rich Plug-ins for popular IDEs allowing them to be an integral part of the integrated system
- Supports Conflict Detection and Mediation
- Built-in cross tool process automation capability through its Workflow Automation Engine
- Provides cross tool end to end Traceability with Change Impact Analysis across integrated tools
- Consolidated Reporting and Dashboards from Multiple ALM Tools
- Currently integrated with 80+ commercial tools from different vendors and technologies

Integration Made Easy

Being ESB-based, cost-effective, flexible, and user-friendly, Kovair Omnibus does away with complex and costly tool integrations, overcoming limitations of the existing point-to-point and single-vendor tools integrations. With Kovair Omnibus you can:

- Map artifacts to a central model rather than creating integration for each pair.
- Easily scale by including more tools on a demand basis.
- Break tool silos through a loosely coupled integration.
- Establish common standards across multiple tools.



Configurable and flexible business rules for integration

Data flow is not always straight forward based on field-to-field mapping. With Kovair Omnibus, you can easily define the business rules of data movement across tools over a web based interface. Unlike point-to-point and single-vendor integrations where the logic is hard coded in the integration codes, platform adapters do not have any hard coded business rules embedded and are configurable with mouse clicks. You can define

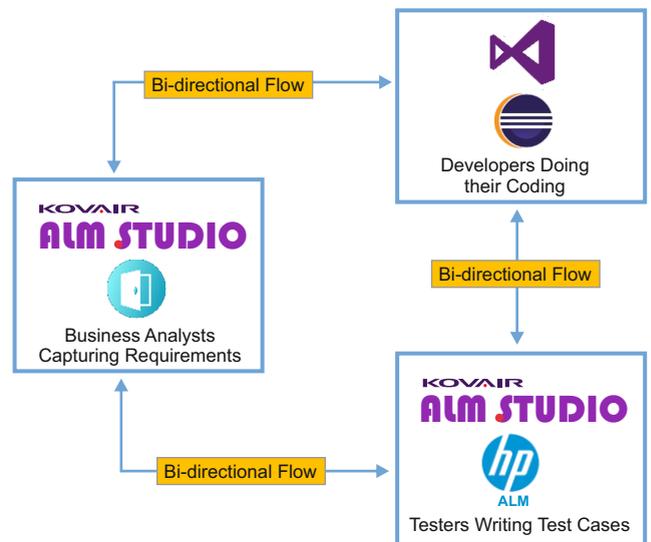
- Conditions for data transfer.
- Data transformation logic.
- Lookup value mapping in addition to field mapping.
- Person matching across tools.

Protects your existing investment

With Kovair Omnibus you don't have to think about your existing investment on tools. Be it a homegrown tool or commercial tool provided by any vendor, Kovair Omnibus has proven expertise of integrating all of them and protecting your investment on tools.

Flow Complete Data to the Target as Needed

What are your scenarios for movement of data? You may want to move the Requirements from your RM tool to Dev Tool as well as to the testing tool. Instead of sending all the requirements, you may want to send them based on certain condition or even want to send them to multiple tools at the same time. You may also have the complexity of sending the records of one project to multiple projects in the target tool based on various conditions. Kovair Omnibus with its capabilities of multi-tool routing, conditional data flow allows you to configure things over a web based interface using mouse clicks.



Synchronize Attachments, Comments and Relationships

When we talk about data transfer, its not only about synchronizing artifact records between tools. With Kovair Omnibus you can synchronize the attachments, comments as well as relationship between artifacts between the tools along with the actual record. This means that you have complete visibility to the entire discussion thread of communication attached to the artifact and even these comments can be attributed to the person that made them irrespective of the fact whether the user ID appear in all synchronized tools.

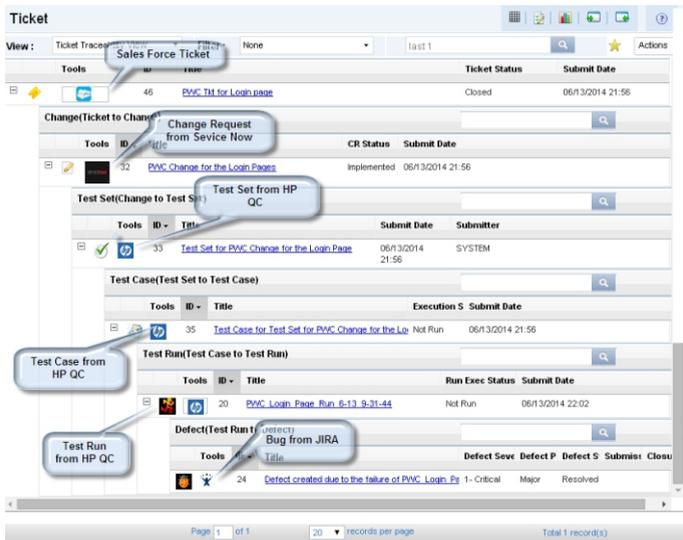
Synchronize Data with customized Transformation

There will be scenarios where you will need to transform the data before it is synchronized with another tool e.g. you may want to concatenate the ID & Title of the source tool and push it as title to the target tool. With Kovair Omnibus, you can configure these transformational rules over a web based interface. You can define all sorts of transformational logic in Omnibus over a web based interface.

Visibility and Traceability across synchronized tools

A common problem with individual tools is that it gives an incomplete or fractured view about the progress of the delivery. Jobs like identification of bottlenecks, finding impact of a change in any artifact within any tool remain manual making it error prone and not readily available. Kovair Omnibus with its central storage capability helps you to generate cross tool data based traceability, reports and dashboards with drill down capability. This makes the entire delivery process transparent and visible to all stakeholders in a real-time manner. With this cross-tool data based traceability, reports and dashboards in place, Omnibus helps you to

- Track the coverage of various items.
- Perform quantitative impact analysis of a change request.
- Identify bottlenecks and take corrective action as required.



Ability to monitor everything as and when it is happening

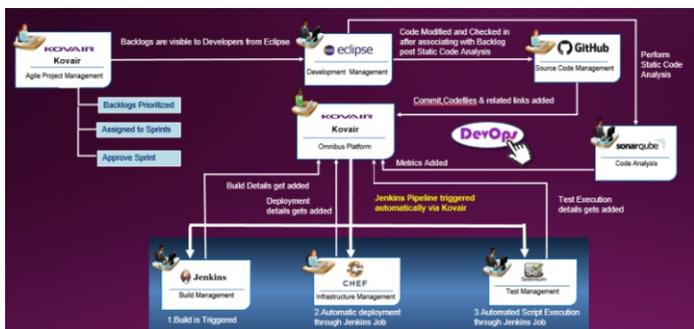
Once the entire integrated setup is done, the biggest question is how do you know what is happening in reality? Kovair Omnibus provides you a complete operational visibility. With the monitoring facilities of Kovair Omnibus, you can

- Monitor the movement in a real-time manner.
- Easily find the number of pending, processed, and attempted items.
- Monitor the health of all bridges configured in the integrated environment.
- Quickly find out the reason for any failure in data movement.



Implement DevOps

Is your existing investment on tools and the high cost of the popular DevOps tools in the market acting as impediments in your plan of implementing DevOps? Kovair Omnibus is the solution. With Kovair Omnibus you can integrate your existing commercial or inhouse tools and make them participate in your DevOps journey



With Kovair Omnibus, you can achieve one click DevOps and automate the entire process from code check in to deployment with the click of a button

Implement Data Lake for better analytics

In this data age, many organizations are focusing towards better analytics with the big data that are created across multiple tools. The challenge here is how to bring this distributed data to one single data store and hook it to a BI tool for better analytics. **Data lake** provides you with that capability. Refer to Kovair Website for this product

REST API Integration Platform

Kovair Omnibus also comes with REST APIs for integration. All functionalities of Omnibus are exposed through a set of REST APIs. You can take advantage of this to build your integrations without going through the pain of knowing the APIs of all different tools. You can use these REST APIs over the Cloud to fulfill your Cloud based integration needs. With this, you can

- Query data from other tools.
- Push data to other tools.
- Exchange data between multiple tools.

User Mapping Across Tools

Same user not belonging to or having access to every tool is a very common scenario. Same in one tool may be Samuel in other tool which makes it very difficult to associate the same user when a record is synced between multiple tools. With the user mapping capability of Kovair Omnibus you can easily solve this problem and map users across multiple tools or use the LDAP authentication.

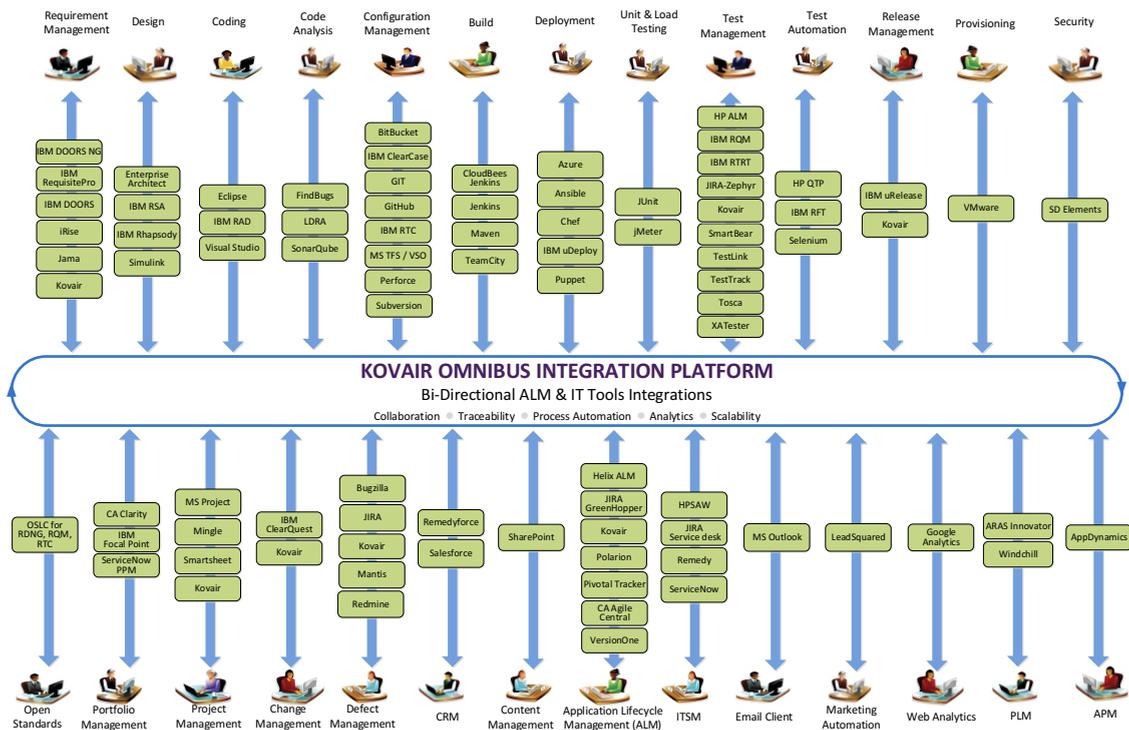
Kovair Omnibus Administration

To ensure security, Kovair Omnibus is controlled through user access permission. Users having proper administrative access to the application can only do or edit a configuration. You can either tie up with your LDAP system or you can enforce password policies to achieve this. Other than that, we also provide group level access to control the access to the configuration.

Special Plugins for the IDEs

With Kovair Omnibus you can provide a plugin to the developers wherein they will be able to view artifacts from all different tools within their IDE. They can view and update values from within the IDE eliminating the need for hopping around multiple tools. This helps the developers concentrate on their job and thus help them to improve their productivity.

Current Availability of 80+ Integrations from Kovair



Supports 139+ Lifecycle tool versions.

Details here: www.kovair.com/omnibus-integration/integrations-list

Implementing DevOps with Kovair Omnibus

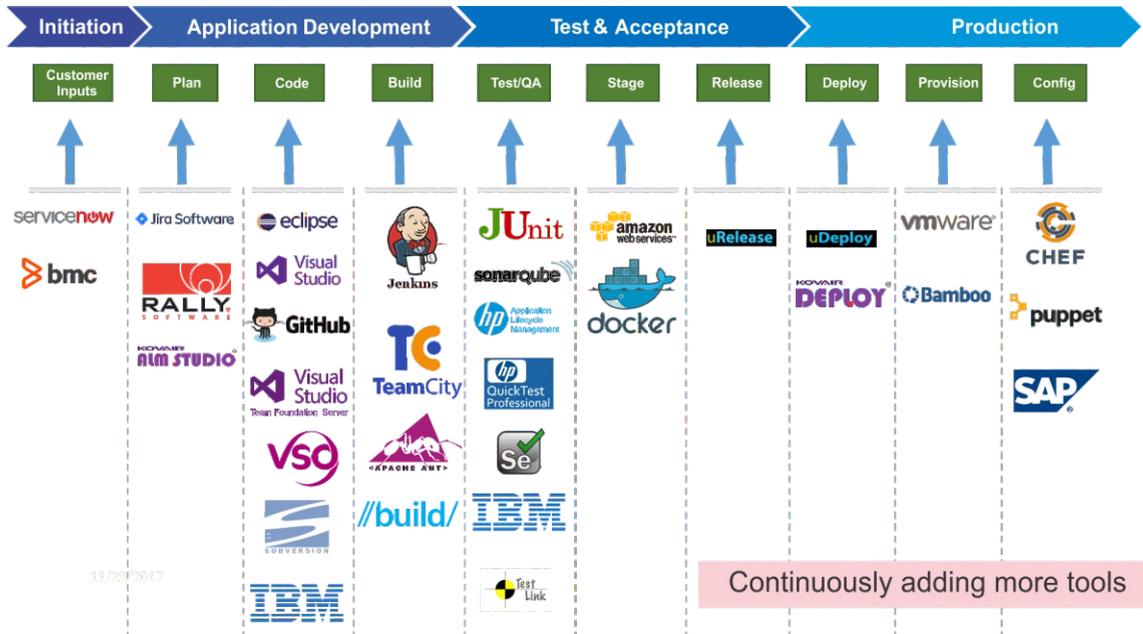


Figure: Seamless Tool Integrations Available from Kovair

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