

SharePoint Integration Adapter Datasheet

SNEAK PEEK

Kovair SharePoint Integration Adapter is designed to allow tracking and processing of a variety of artifacts being stored and shared in SharePoint, thereby facilitating a greater collaboration and enabling better visibility of artifacts maintained in SharePoint. It exposes Shared Documents, Lists (custom defined) as entities from SharePoint, and enables them to be actively tracked and managed in the Kovair application.

BENEFITS

- ❖ Allows organizations to connect and empower their employees with adequate knowledge and resources.
- ❖ Allows organizations to rapidly respond to business needs.
- ❖ Simplifies document management and collaboration among team members.
- ❖ Allows documents to be linked to other artifacts in the ALM system, such as requirements, test cases, and issues.
- ❖ Ensures cross-tool visibility, traceability and process automation through the Kovair Process Engine.
- ❖ Ensures better security of files.
- ❖ Improves productivity of individuals and teams.

OVERVIEW

SharePoint is a business collaboration platform that enables organizations to connect and empower its employees and manage content effectively throughout the information lifecycle. It is widely used for document sharing and it can be an important element of a unified communication platform. As organizations are looking forward to use SharePoint for a broader set of purposes, working with its native integration capabilities is becoming a challenge.

KOVAIR SHAREPOINT INTEGRATION ADAPTER

'Kovair SharePoint Integration Adapter', which is a REST based integration adapter is designed to allow tracking and processing of a variety of artifacts being stored and shared in SharePoint, thereby facilitating a greater collaboration and enabling better visibility of artifacts maintained in SharePoint. It exposes Shared Document, Lists (custom defined) as entities from SharePoint, and enables them to be actively tracked and managed in the Kovair application. Kovair SharePoint Integration Adapter maintains a queue of local events, triggered from SharePoint, and then forwards them to the Kovair Omnibus Integration Platform for processing. It also allows different tools, connected to Kovair Omnibus, to trigger actions with the exposed entities, including creation and modification of these items in SharePoint. Such integration allows a two-way communication between SharePoint and any other tool connected to Kovair Omnibus.

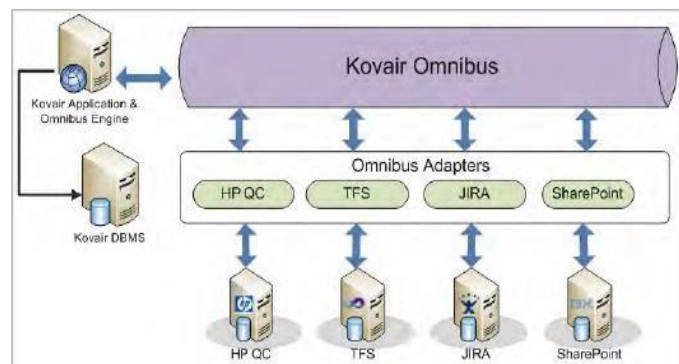


Fig: Integrating SharePoint with tools like JIRA, HP QC, TFS through Kovair Omnibus

Currently, Kovair provides integration for SharePoint 2016. For future releases please visit [web page](#) or contact sales@kovair.com.

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FEATURES

- ❖ SharePoint entities like Shared Document and any Custom Lists can be exposed.
- ❖ Bi-directional synchronization of documents and tasks between SharePoint and other tools.
- ❖ Automates actions on SharePoint integration items from other ALM and ITSM tools.
- ❖ Track traceability relations between entities — both system and custom.
- ❖ Codeless integration with provision for dynamic mapping of fields.
- ❖ Easy-to-use interface for initial and subsequent configurations of the integration environment.

SYSTEM REQUIREMENTS

- ❖ **Operating Systems:**
Windows 2008 Server
Windows 2008 Server R2 Server
- ❖ **Databases:**
SQL Server 2008 R2 or Higher Version
- ❖ **IIS:** IIS 7.0 or Higher
- ❖ **.Net Framework:** 4.0 or Higher

WHY INTEGRATE SHAREPOINT WITH KOVAIR

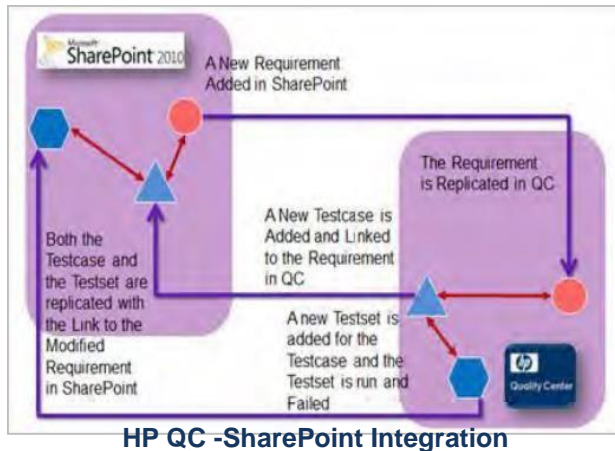
- **Enhanced Collaboration** - SharePoint offers enterprise organizations a flexible, web-based solution that includes tools and services to help users manage information and collaborate effectively. SharePoint uses Web conventions, such as browser access, linked information, images, and text to create a collaboration method that provides a single point from which users can share information. SharePoint users can share documents, contacts, calendars, and tasks through portal sites, team sites, and personal sites. Each site contains pre-defined web parts, such as:
 - **Tasks:** To create, assign and track the progress of tasks.
 - **Announcements:** To share news and information with team members.
 - **Calendars:** To create and share calendars with team members, create meetings and manage recurring events.
 - **Contacts:** To share contact information.
- **Document Management** - In SharePoint, Document Management features like version controlling, simultaneous editing, checking in/out are implemented by default. By integrating SharePoint with other tools, you can provide users with a user-friendly platform to maintain important documents related to their process and share them with the team. For Example, SharePoint can be integrated with TFS, which is a ubiquitously used collaboration platform for application lifecycle management. After TFS is integrated with SharePoint, each team project will have a team project portal and team members can use this portal to share process guidance, project documents, templates, and reports according to their role in the project.
- **Content Management** - Content in the form of audio, video, Flash, and multimedia files, as well as raw data collected from various third-party sources are produced as byproducts during the lifecycle of any application. SharePoint includes standard, out-of-the-box features, such as check-in, check-out, and workflow. Using Kovair SharePoint Integration Adapter, you can integrate SharePoint into your ALM system and utilize its content management features.
- **Improved Responsiveness** - In application lifecycle management, reducing the time-to-market is essential, and SharePoint integration satisfies this need by enabling users to customize the platform and deploy solutions for addressing business needs quickly and effectively.

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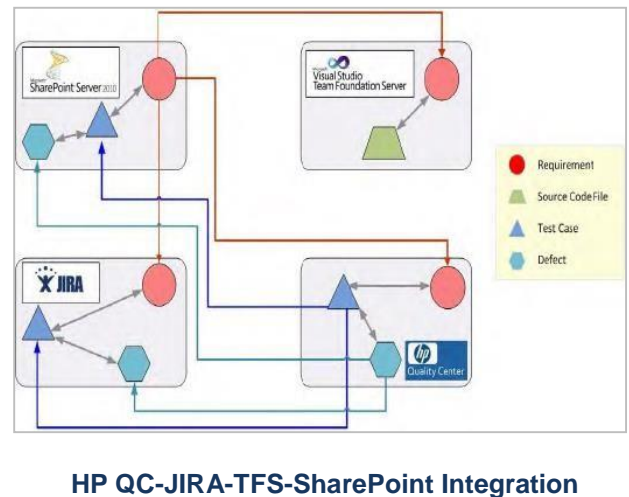
WHY INTEGRATE SHAREPOINT WITH KOVAIR Contd.

- Traceability & Visibility** - End to end traceability can be achieved only when all project artifacts, such as requirements, test cases, change requests, and issues recorded throughout the project are linked to each other by direct or nested relations. When SharePoint is integrated through Kovair Omnibus, developers can get access to the Requirements document from SharePoint. Requirements in SharePoint can be replicated in other tools like HP QC wherein test cases can be linked to the replicated requirement. Since the integration is bi-directional, changes in requirement made in either of the tools is reflected in another.

EXAMPLES OF SHAREPOINT INTEGRATION



As shown in the above example, you can integrate SharePoint with HP QC so that requirements in SharePoint are replicated and linked with test cases and test sets in HP QC. Since the integration is bi-directional, the test case and test set are replicated in SharePoint and linked to the requirement.



As shown in the above example, you can integrate SharePoint with HP QC, TFS, and JIRA so that requirements in SharePoint are replicated and linked with: source code files in TFS, test cases in HP QC, and defects in JIRA. Also, test cases from HP QC and defects from JIRA can be replicated in SharePoint.

Note: The adapter as developed and offered by Kovair follows the subject tool's standard specifications. Any deviations from the tool's typical use pattern may not have been anticipated in our off-the-shelf product. For any customization or special configuration needs, please contact Kovair Sales - sales@kovair.com
 Kovair Software Inc.: Kovair is a California based software product company specializing in the domain of Application Lifecycle Management (ALM). Kovair's focus on integrating third party best-of-breed ALM tools enables creation of applications in a synchronized tools environment.

Call us: 408 262 0200 Extn. 1

US Corporate Office:

Kovair Software, Inc.
 2603 Camino Ramon, STE 200
 San Ramon, CA 94583
 1.408.262.0200 (T)

India Registered Office:

Kovair Software Pvt. Ltd.
 PTI Building, 6th Floor, DP- 9, Sector-V
 Salt Lake City, Kolkata – 700091
 91-33-4065 7016 / 17 / 18 / 19 (T) Extn. 109

Bangalore Office:

Kovair Software Pvt. Ltd.
 Samad House, #402, 4th B cross, 7th A
 Main, HRBR Layout, Kalyan Nagar,
 Bangalore- 560043
 91-95350 92589 (T)