

SyncEx Connector API v3.0



SyncEx Connector API v3.0
Collaborate from anywhere, anytime

SyncEx

Collaboration Redefined



Overview

SyncEx Connector API makes headway to rapid application development enabling J2EE/portal applications collaborate with Microsoft Exchange and/or Lotus Domino. With its highly customizable application architecture, model driven approach and a set of reusable software modules, SyncEx Connector API simplifies integration and collaboration of your enterprise applications to increase on connected productivity and utilization of enterprise resources.

SyncEx Connector Application Programming Interfaces (APIs) enhance custom and enterprise applications, such as CRM, by adding pertinent business communication without adding significant costs or development time. These 100% Java products hide the complexities of bringing groupware and communication into CRM, ERP, portal and other applications. They provide a flexible, extensible foundation that will expand and grow as your requirements do. So you can add valuable features quickly while gaining the benefits of the application faster than programming this functionality yourself.

Benefits

SyncEx Connector API frees developers and system integrators to focus on engineering their competitive advantage, thus enabling organizations to deliver software products and applications with increased functionality and speed-to-market, and at a reduced cost. Following are a few advantages of SyncEx Connector API

- ❖ Future-proof your IT investment and ensure interoperability and scalability by supporting industry standards such as Java and J2EE
- ❖ Reduce project risk and ensure reliability by using pre-tested, high quality software
- ❖ Simplify development efforts; the Java components model objects such as appointments, memos and tasks, hiding the complexities of the groupware databases
- ❖ Quickly make your existing or new java applications collaboration enable
- ❖ Leverages the simplicity and familiarity of Java without foregoing an existing investment in Collaboration servers
- ❖ Saves developers time of writing low level code and allows them to focus on actual application writing
- ❖ Low maintenance
- ❖ Increased return-on-assets
- ❖ Accelerated time-to-market and reduce cost-of-ownership
- ❖ Delivery of new services at low cost
- ❖ Advances with gratifying speed due to new XML Parser

Highlights

- ✓ Support to access Microsoft Exchange/Lotus Domino folders, mail, calendar, address book, and tasks
- ✓ Security and Proxy configuration support
- ✓ Excellent, working with any kind of environment including open sources in order to minimize TCO



SyncEx

Collaboration Redefined

To help developers compete in today's heterogeneous, highly distributed networked environment, the SyncEx Connector APIs simplify the development and integration processes for collaboration.

For Developers

- ❖ No configuration required on the Exchange/Domino server
- ❖ Seamless integration of Java/J2EE application with Exchange/Domino
- ❖ No need to write complex native code to access Exchange/Domino objects
- ❖ Access to Exchange/Domino folders and objects from Java
- ❖ Access to contacts, calendar items from Java
- ❖ Uses the existing security features provided by Exchange/Domino
- ❖ Compatibility with exchange versions 2000/2003 and Domino versions 6.5.3
- ❖ Compatible with JDK1.3 or higher
- ❖ No reconfiguration firewalls
- ❖ More Helpful Samples

Why Use SyncEx Connector API?

SyncEx Connector API, a 100% pure Java API helps developers to bring various functionalities such as mail, calendar, task, and contact to their applications. The API is very comprehensive and can be used to bring in the advance functionality such as recurring appointments, meeting request, group calendaring, multiple attachments and many more.

Rapid Application Development

With SyncEx Connector API it is possible for Java applications to have access to server objects such as Exchange/Domino folders, messages, contacts and calendar items without the need to write complex native code and can be used directly in your Portal/J2EE applications. Some popular uses of API include: SyncEx collaboration suite for Microsoft Exchange, SyncEx collaboration suite for Lotus Domino.

The SyncEx Connector API is built on Java. It can be used with any servlet or portlet based web-application. To deliver high-quality custom solutions in even the most complex environment -

- ❖ It provides the connectivity to MS Exchange Server using WebDAV Protocol.
- ❖ Takes connection to Lotus Domino Server using IOR over HTTP Protocol.
- ❖ Database edition incorporated with use of protocols like SMTP, IMAP/POP, iCal for mail, messages, and data.

Competitive Advantage

The SyncEx Connector API has been carefully designed for flexibility, scalability, and extensibility. It enables the deployment of computing systems based on the cost/performance needs of a system, including thin-client, client/server, and power-client models. By simplifying and streamlining the programming tasks required to create related software or a module, the SyncEx Connector API gives developers a competitive advantage when creating portal/web applications.

Getting Started

YASH redefines collaboration with portals or application servers and business processes through SyncEx Connector API. Pick up to speed on the SyncEx Connector API with detailed technical information and a full evaluation, free for 30 days.



Download the SyncEx Connector API, from www.syncex.com.



Purchase the SyncEx Connector API, from your local YASH representative or contact SyncEx sales at 877.257.1343.



Learn more about SyncEx Integration and Portal Solutions at www.syncex.com.



What's New in SyncEx Connector API 3.0

To help developers compete in today's heterogeneous, highly distributed networked environment, the SyncEx Connector APIs simplify the development and integration processes for collaboration.

FBA Support: SyncEx version 3.0 Connector API supports Form Based Authentication. Additional Constructor is provided to support FBA Connection to exchange server.

Jakarta Slide API Replacement: Jakarta Slide API is not required in version 3.0, because we have provided our own implementation for WebDAV methods.

HttpClient 3.0: Version 3.0 of SyncEx Connector API uses latest version of HttpClient, which provides certain additional feature to enhance performance.

Xmpp parser: The previous version of SyncEx connector API was using xerces implementation for xml parsing which was creating conflicts with the container's one. In version 3.0 it is replaced with Xmpp parser which is much faster than xerces.

Performance Improvement: Version 3.0 is improved on all ground in order to decrease the response time.

Access to all configuration parameters: MS Exchange utilizes certain options for customization purpose, these options were not available in the previous version of Connector API, Version 3.0 allows you to access and manipulate those options, and these options are:

1. User Timezone
2. Time format
3. Long Date format
4. Short Date format
5. Out Of Office assistance
6. Notification for Mail and Calendar Items
7. Customized Signature for email
8. Read Receipt automation
9. Reminder for Calendar Items.
10. Search option selection [Global Address List / local contacts]

Support for various flags: SyncEx version 3.0 Connector API allows user to mark his/her items with different status flags.

Distribution List: SyncEx version 3.0 Connector API also allows you to manage your contacts in different distribution list.

Support for Notes & Journal: SyncEx version 3.0 Connector API allows you to manipulate and create Notes and Journal items.

Access Control: With SyncEx version 3.0 connector API, one can specify access control on his private folders to other exchange users.

Security Delegation: SyncEx version 3.0 allows accessing the shared private folders for other users. One user can access other user's private folder directly using security delegation.

Getting Started

YASH redefines collaboration with portals or application servers and business processes through SyncEx Connector API. Pick up to speed on the SyncEx Connector API with detailed technical information and a full evaluation, free for 30 days.

- ✓ Try
Download the SyncEx Connector API, from www.syncex.com.
- ✓ Buy
Purchase the SyncEx Connector API, from your local YASH representative or contact SyncEx sales at 877.257.1343.
- ✓ Learn
Learn more about SyncEx Integration and Portal Solutions at www.syncex.com.



Feature Set: SyncEx Connector API

SyncEx Connector API offers flexible, complete and seamless solution for Java-collaboration server integration problems.

SNo	Feature	Microsoft Exchange	Lotus Domino	Databases
1	Folder management Supports creation of content specific folders, creation of public and private folders and deletion of folders.	✓	✓	✓
2	Marking mails Provides the functionality to mark/unmark mails as read, unread, flag for follow up.	✓	✓	✓
3	Multiple Attachments Provision for adding multiple attachments at a time.	✓	✓	✓
4	Search Provides filters for searching the mails/tasks/appointments/contacts.	✓	✓	✓
5	Sorting Provides sorters for sorting on all the fields for mails / tasks / appointments/contacts.	✓	✓	✓
6	Drafting Feature to save e-mails as draft.	✓	✓	✓
7	Recurrence support Appointment recurrence and task recurrence.	✓	✓	✓
8	Meeting request Provision for sending meeting requests with attachments.	✓	✓	✓
9	Multiple Addresses Provision for storing multiple physical and e-mail addresses of contacts.	✓	✓	✓
10	Support for GAL Provision for accessing contacts from Global Address List.	✓	Address List	Address List
11	Group Calendarizing Allows functionality for accessing the free/busy data of users in case of group calendarizing.	✓	✓	✓
12	Proxy Support The API provides functionality to connect to the Exchange server when it is running under some proxy server.	✓	✓	-



<http://www.yash.com>

Yash Technologies Inc.
1375 E Wood Field Road
Suite #130 Schaumburg
IL 60173

Phone:
877.257.1343 (Toll-Free)

Fax:
309-796-1242

Website URL:
<http://www.syncex.com>
sales@syncex.com
Info@syncex.com

About YASH

Yash Technologies, Inc. is ISO-9000 certified global information technology innovation and integration service provider helping client to achieve peak performance with high-end solutions in enterprise and e-business space. Founded in 1996, YASH has grown steadily in various technologies and has established itself as an IT partner of choice to some of the world's leading enterprise and software product companies.