

IBM Collaboration Solutions Application Development

Frequently Asked Questions

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What is XPages?

IBM Domino based rapid app dev platform
for collaborative and workflow apps



What is the Roadmap for IBM Domino App Dev?

Focus on mobile, social and cloud

Ongoing XPages & Domino Designer enhancements

Expand Domino REST services



Should Apps be built via classic Notes/Domino App Dev?

The Notes classic app dev model (forms and views) is mature and feature rich. Developers should use this model for maintaining existing apps or when its capabilities align with the customers' strategy

IBM recommends building new apps using XPages to fully leverage new web and mobile functionality and impart social behaviors into applications



What is being investigated for the Notes Browser Plug-in?

Support platforms other than Windows

Additional browser support

Simplify administration and maintenance of plug-in



How should IBM Notes Apps be modernized?

Not all Notes apps have to be modernized

Strategic Notes apps should be modernized via XPages to provide a modern user experience including mobile access as well as add social behaviors

IBM partner services and solutions are available to modernize apps



How should Mobile Web Apps for IBM Domino be built?

XPages apps leveraging responsive designs for apps with multiple projections

XPages mobile controls for optimized mobile experiences

IBM partner services and solutions are also available to mobilize apps



How should Mobile Native Apps for IBM Domino be built?

Native apps can leverage the IBM Domino REST APIs

Hybrid apps should be built via IBM Worklight to take advantage of features like the local data store, push notifications, etc.

The IBM MobileFirst platform adds additional quality assurance services, management capabilities, etc.



How can I run IBM Domino Apps in the IBM Cloud?

IBM intends to provide an IBM Domino image for Softlayer

Customers can use IBM services or business partners to administer and maintain their Domino servers on SoftLayer

No immediate plans to run Domino/XPages on BlueMix

Customers looking to integrate Domino apps with SmartCloud Notes can utilize a hybrid architecture



What is App Dev for IBM Connections?

IBM Connections is a social platform that can be extended and services can be accessed via APIs

IBM Connections provides extensive integration points to pull in third party apps

IBM Connections services can be leveraged to build apps rapidly



What Value does IBM Connections provide for Apps?

Embed social capabilities in your apps

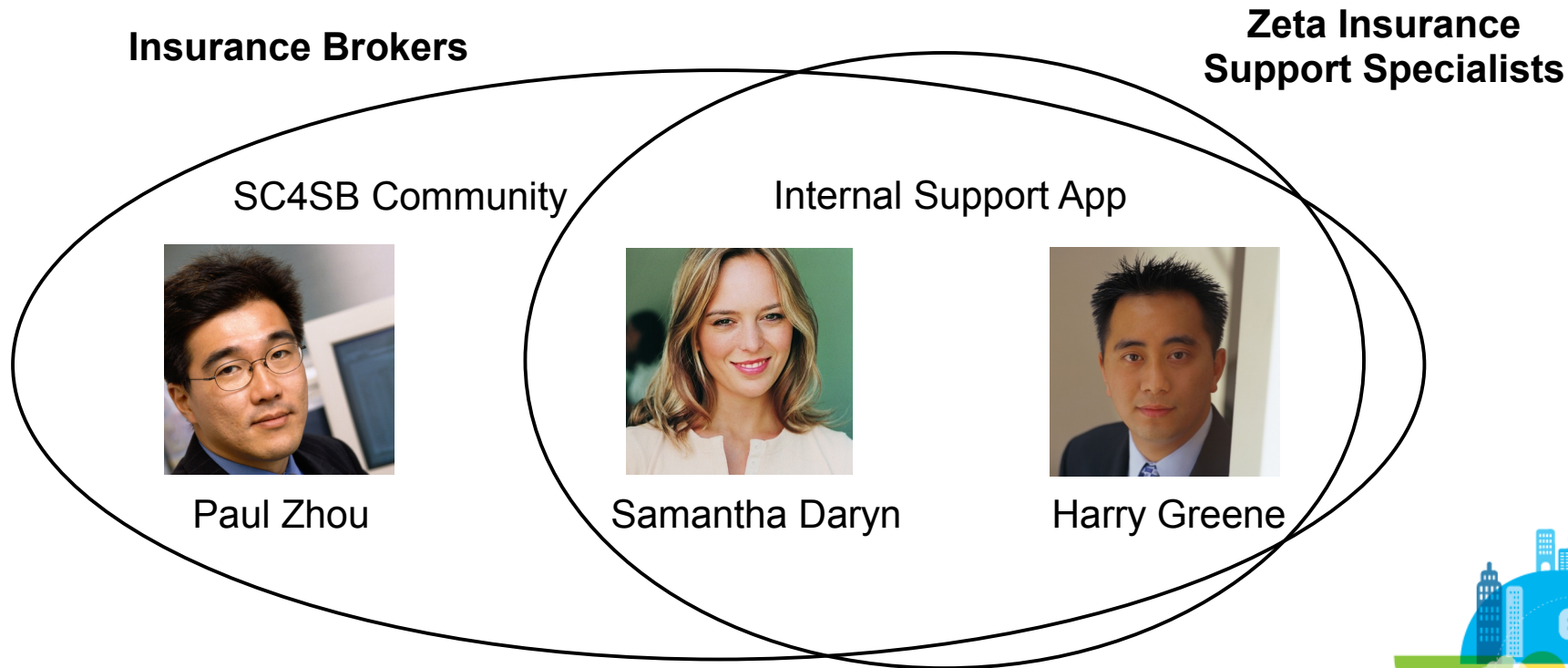
Build apps rapidly by leveraging services like profiles, files, activities, forums, blogs and much more

Leverage the Connections activity stream with notifications of important events across systems



How could a concrete App leverage IBM Connections?


Partner community sample scenario: Zeta Insurance is a fictive health insurance company that sells their products through partners, the insurance brokers



Demo: Partner Community

Partner Community

Zeta Insurance Home Page

Logout

Zeta Insurance Partner Communication

SupportDirectoryNewsProgramsEvents

Q Enter Keywords

My Work Items

My New Questions

Input Received

Input Required

Team Work Items

New Questions

Team Input Required


Archive

Answered Questions

Bookmarks

Work Items > Are costs for parents covered when child in hospital?

Open in CommunityCheck for Updates

Paul Zhou
Broker


2 hours ago
Claimed (team input required)

Support TeamSuggested Experts

Are costs for parents covered when child in hospital?

I have a potential customer who is looking for a health insurance for his child. He has a question that I couldn't find any information about in the brochure. Are costs for parents covered when his child is in a hospital?


AnswerAsk Partner

Samantha Daryn
Customer Support


1 hour ago

I'll investigate. Just one quick question: How old is the child?


AnswerAsk Partner

Samantha Daryn
17 minutes ago


Team, the brochure does indeed not define this. Any ideas?

Harry Greene
7 minutes ago

Good catch. I'll update the brochure. Yes, if the child is younger than 12, one parent can stay.

Leave a message to your team

Send

Leave a message to your team

Send



How can IBM Connections Services be accessed?

The IBM Social Business Toolkit SDK simplifies access to IBM Connections by providing APIs

IBM Connections functionality can be embedded via re-usable user interface controls



How can IBM Connections Services be used from XPages?

The IBM Social Business Toolkit SDK can be installed on IBM Domino (separately or as part of OpenNTF Essentials)

There are several samples available on OpenNTF and snippets in the playground



Demo: Social Business Toolkit Playground

Home

JavaScript Snippets

Java Snippets

Open Social Gadgets

XPages Snippets

API Explorer

Documentation

Anonymous

Login

Environments:

Smartcloud C1 - Niklas

JavaScript Libraries:

<default>

Authentication

SmartCloud

Social

Activities

Blogs

Bookmarks

Communities

Add Remove Community Membe

Community Folders

Create Revoke Invites

Create Update Delete Communit

Get Community Forum Topics

Get My Communities

Get My Invites

Get Public Communities

Share File Smartcloud Communi

API

Controls

REST

Files

Follow

New Snippet

API Documentation

```
1 require(["sbt/connections/CommunityService", "sbt/dom"],
2         function(CommunityService, dom) {
3             var createRow = function(title, communityUuid) {
4                 var table = dom.byId("communitiesTable");
5                 var tr = document.createElement("tr");
6                 table.appendChild(tr);
7                 var td = document.createElement("td");
8                 td.appendChild(document.createTextNode(title));
9                 tr.appendChild(td);
10                td = document.createElement("td");
11                td.appendChild(document.createTextNode(communityUuid));
12                tr.appendChild(td);
13            };
14
15            var communityService = new CommunityService();
16            communityService.getMyCommunities().then(
17                function(communities) {
18                    if (communities.length == 0) {
19                        text = "You are not a member of any communities.";
20                    } else {
21                        for(var i=0; i<communities.length; i++){
22                            var community = communities[i];
23                            var title = community.getTitle();
24                            var communityUuid = community.getCommunityUuid();
25                            createRow(title, communityUuid);
26                        }
27                    }
28                },
29                function(error) {
30                    dom.setText("content", "Error code:" + error.code + ", mess
31                );
32            });
33        });
34    });
```

JAVASCRIPT

Run

Debug

Show Generated HTML

Edit Parameters

Title	Id
Partner Community	ad483d37-f484-42db-ba48-580ed2d36b03
All about Plan OD35 2014	c22f3831-5573-4b3d-8fa2-dce91e69c276

HTML

CSS

Properties

```
1 #Sat Nov 09 10:20:14 EST 2013
2 runtimes=connections,smartcloud
3 tags=connections,communities, public
4 theme=bootstrap
```

PROPERTIES



How to get started with Connections as XPages Developer?

The IBM Social Business Toolkit playground provides snippets

IBM Connections on IBM Greenhouse can be used as test environment

An IBM Collaboration QuickStart image is available on Softlayer and IBM intends to provide it as downloadable image

Trials of IBM SmartCloud for Social Business are available



Is XPages the App Dev Platform for IBM Connections?

XPages is one alternative to build social apps that leverage services from IBM Connections

Other alternatives are native mobile apps, Java EE apps, PHP apps, etc.

Enable developers to use their own tools to extend or embed IBM Connections services and capabilities



How can Connections be accessed from other Platforms?

The IBM Connections REST APIs can be used if no other language bindings are available

Alpha version available for iOS

Alpha version available for PHP, esp. Wordpress and Moodle



What App Dev Capabilities are available in the Cloud now?

Several IBM Connections services and UI extension points, community surveys and SmartCloud Notes Web customization

IBM Connections on premises supports also UI customization, homepage, profiles and communities extensions, SPIs and activity stream integrations



How to get started with SmartCloud for Social Business?

Use the playground to play with the APIs

Try the free trials for SmartCloud for Social Business

Watch out for a new version of developer.ibm.com/social



What is IBM's Relation to OpenNTF?

IBM is one of the member companies of OpenNTF Inc. and represented in the board of directors

IBM contributes many app dev projects to OpenNTF like the Social Business Toolkit SDK and the XPages Extension Library

IBM intends to publish more open source for IBM Connections and IBM WebSphere Portal using the OpenNTF processes



Where can I find out more?

developer.ibm.com/social



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