



Die Interessenvertretung (User Group) für alle IBM Collaboration Software Anwender

neu

Seit über 20 Jahren organisieren sich über 200 Unternehmen und Partner als Nutzer und Anbieter von IBM Collaboration Lösungen in der DNUG. Damit vertritt die DNUG als offizielle User Group die Interessen tausender Anwender, Entwickler, Administratoren und Entscheider.

Mehr dazu – auch wie man Mitglied werden kann – unter
<http://www.dnug.de>

- Monatliche Experten-Calls
- div. Arbeitsgruppentreffen
- Stammtische
- Konferenz: Berlin 31.5 +1.6.2017

PS.: Dort zu Gast auch der offizielle IBM Collaboration Solutions Blog: <http://dnug.de/category/news-der-ibm/>



Hamburger Notes Netzwerk

IBM Connect 2017 Review

Andreas Schulte

Client Technical Professional

IBM Collaboration & Talent Solutions

Connect
2017

Connect 2017
Redefine
work with
Watson

Moscone West
San Francisco, CA
February 20 – 23
#ibmconnect

IBM Connect 2017



Agenda

Connect 2017

IBM Connections 6.0 + **Pink**

Partner Box + Box Relay

Watson Work Services

Watson Workspace

Verse, Notes, Domino, FeaturePack Delivery Modell

Domino Apps Modernisierung

Sametime und Cloud-Partner Genbend & Cisco



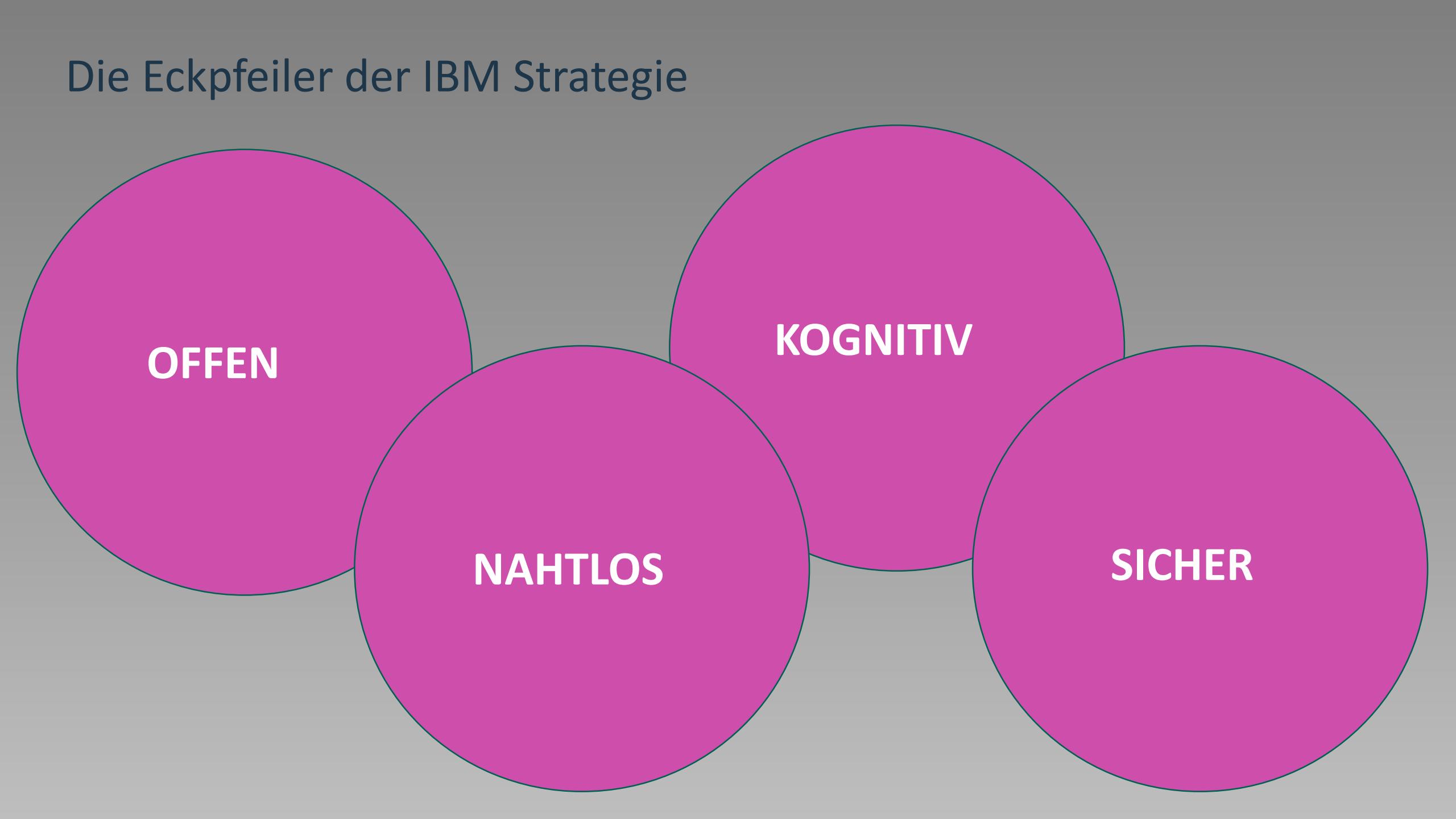


*„Arbeitskultur
wandelt sich vom
Tippen zur
Konversation“*

Inhi Cho Suh

GM IBM Collaboration Solutions

Die Eckpfeiler der IBM Strategie



OFFEN

NAHTLOS

KOGNITIV

SICHER

Was den **Arbeitsplatz der Zukunft** ausmacht

1. Priorisieren und aufzeigen was wichtig ist (“Orientiere mich”)
2. Den eigentlichen Arbeitsablauf unterstützen
3. Kognitive Bots nutzen, um weitere Informationsquellen / Backendsysteme interaktiv einzubinden
4. Ausnutzung der Möglichkeiten aus dem “Internet der Dinge” (IOT)
5. Fokus beibehalten & Absicht verfolgen



Inhi Cho Suh
GM IBM Collaboration Solutions

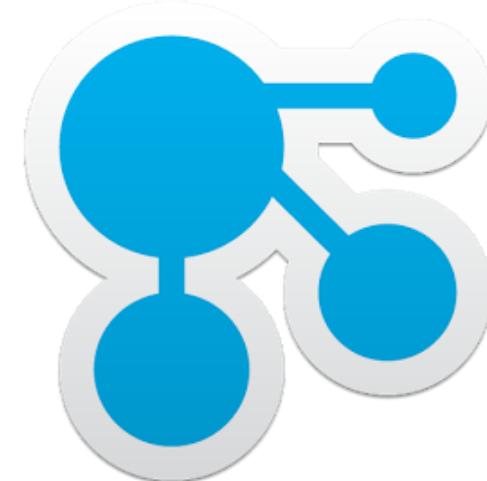
IBM Connections – die führende Suite für partizipatives Arbeiten

Seit über 7 Jahren durchgehend Marktführer (laut IDC)

On premises oder in der Cloud

Persönlicher Bereich & Community/Team-Bereich

Übergreifende Suche & durchgängiges Tagging



Die wichtigsten Funktionen

Einfacher Austausch von Dateien

- Ablage in Folderstrukturen
- Sync auf Geräte
- Editieren über IBM Docs oder Roundtrip Editing mit MS Office
- Gestaffelte, granulare Zugriffsrechte

Wikis

Blogs

Innovations-Blogs

Aktivitätenmanagement

Optionale Erweiterungen, z.B.

Innovationsmanagement von Hype

Social Q&A (ISSC)

SharePoint-Integration (ISSC)

Der Fokus von IBM Connections 6.0

Orient Me

- Auf einen Blick sehen, was gerade wichtig ist
- Von kognitiver Intelligenz profitieren um Informationen zu filtern

Verbesserte Dateien

- „My Drive“ für zentralen Überblick über eigene und geteilte Dateien
- Verbesserte Synchronisation inklusive Ordnerstrukturen

Verbessertes Onboarding

- Benutzer werden bei der ersten Anmeldung an die Hand genommen
- Passende Kontakt und Communitys werden vorgeschlagen

Verbesserte Communities

- Layouts kopieren für optisch ansprechende Communities
- Verbesserte Darstellung der Community-Übersicht und -Navigation

Verbesserte Mobile App

- Verbesserte Navigation und Suche
- Verbesserte Darstellung auf Tablets

1Q17 - On Premises

2Q17 - Cloud Delivery

3Q17 - Erster Schritt zu **Pink**



Orient Me

- Die Startseite, die Sie kennt
- Wichtige Personen und Communitys immer im Zugriff
- Priorisierte Aktualisierungen basierend auf Ihrem Verhalten
- Aktualisierungen gruppiert nach Personen, Communitys oder Inhalten
- Neues „Benachrichtigungszentrum“
- Modernes Layout des Aktivitätenstroms

The screenshot displays the IBM Connections Home page. At the top, a navigation bar includes links for IBM Connections, Home, Mail, Calendar, People, Communities, Apps, and user-specific icons. Below the navigation is a horizontal row of circular profile icons representing various users. The main content area is titled "Top Updates" and "Latest Updates". It features several cards: one from Dina Maroni about a GreenFlex Feedback session, one from Elizabeth Schofeld with a quote about understanding data, and one from Amadou Alain about climbing. There are also cards for a blog entry by Jan-Lucas von Schinitzeldorf and a file uploaded by Elizabeth Schofeld. The layout is clean and modern, emphasizing user activity and engagement.

Geführte Touren

- Neue Benutzer werden durch geführte Touren auf die Mehrwerte der Plattform hingewiesen

The screenshot shows the IBM Connections Cloud interface. At the top, there is a navigation bar with links for Home, Mail, Calendar, People, Communities, and Apps. Below the navigation bar, there are three circular icons: a house (0), an '@' symbol (0), and a location pin (0). The main content area is divided into two sections. On the left, there is a 'TODAY' feed with a post from 'Ed ElAmon' (updated his status 1m ago) stating: 'I'm a new hire at Greenwell working with the product design group. I'm trying Connections Cloud for the first time!'. Below the post are two small icons: a magnifying glass and a heart. On the right, there is a promotional section with a green header bar showing '3 / 5'. It features a grid of five user profile icons. Below the grid, the text 'It's OK to play favorites!' is displayed, followed by the instruction: 'Pin people and communities to your favorites bar for one-click access to recent updates and shared content.' To the right of this section, there is a sidebar titled 'SUGGESTED PEOPLE' with entries for 'Larry Moriarty' and 'Kristin MacGyver'. Below that, there is a section titled 'SUGGESTED COMMUNITIES' with entries for 'Greenwell East Coast Community' and 'Sales Team Community'. The bottom right corner of the interface shows a small icon of a bar chart.

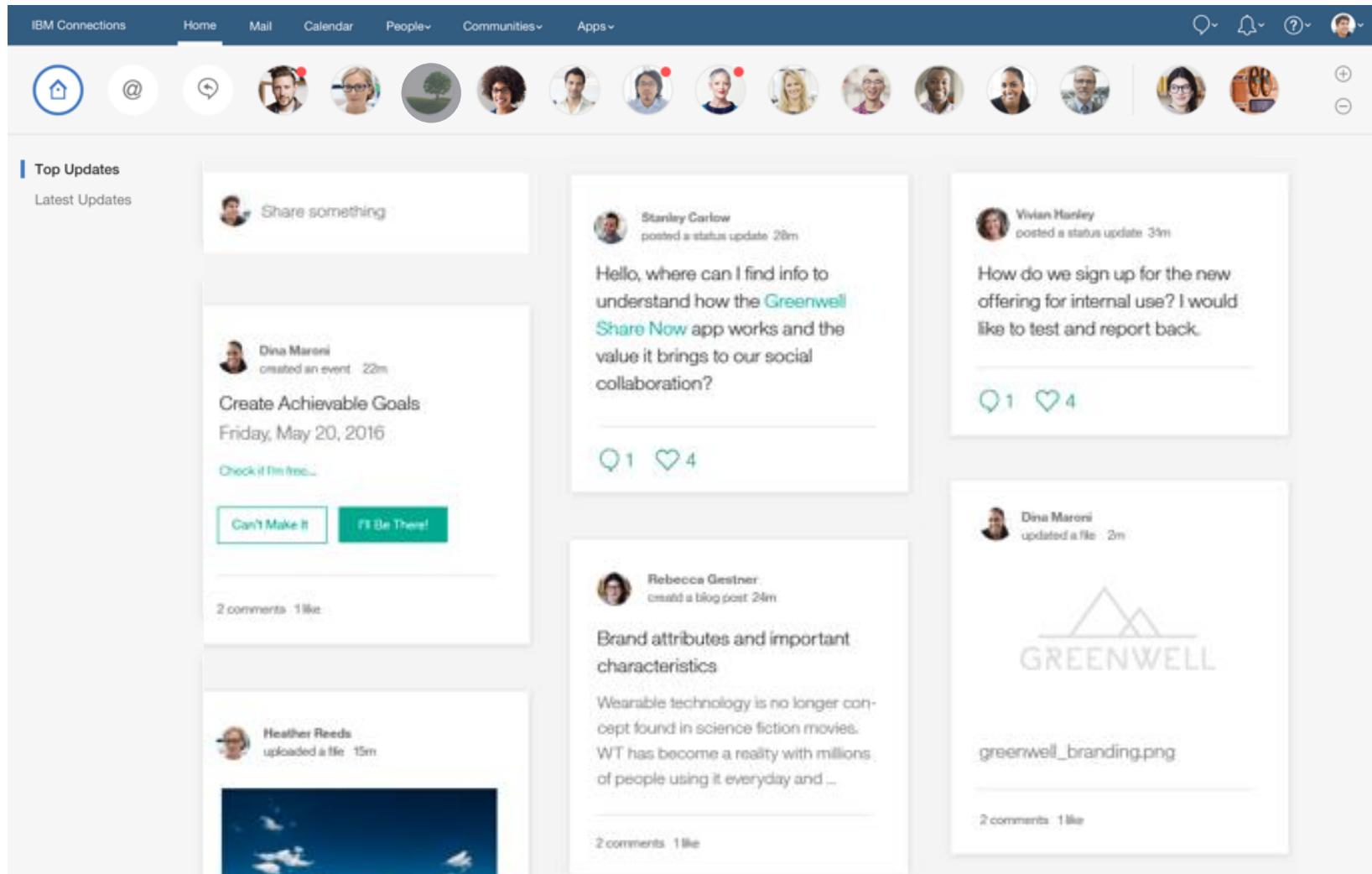
Filtern: Profile

- Benutzer können Aktualisierungen nach Personen filtern

The screenshot shows the IBM Connections software interface. At the top, there is a navigation bar with links for 'IBM Connections', 'Home', 'Mail', 'Calendar', 'People', 'Communities', 'Apps', and a search bar. Below the navigation bar is a row of circular profile icons representing different users. The main content area is titled 'Top Updates' and shows a list of recent activity. One update is from 'Heather Reeds' in the 'COMMUNITY - GREENWELL DESIGN TEAM' group, sharing a status update about focusing on quality over quantity. Another update is a blog post titled 'BLOG - SUCESSFUL PLANNING' by Heather Reeds, discussing team building and planning strategies. A third update is a file titled 'FILE - THINK OUTSIDE THE BOX.PDF' by Heather Reeds, which includes a thumbnail image of a whiteboard with the text 'THINK OUTSIDE THE BOX'. The interface also shows other updates from different users and groups.

Filtern: Communities

- Benutzer können Aktualisierungen nach Communitys filtern



The screenshot shows the IBM Connections application interface. At the top, there is a navigation bar with links for Home, Mail, Calendar, People, Communities (which is currently selected), and Apps. Below the navigation bar is a row of user profile icons. The main content area is titled "Top Updates" and "Latest Updates". It displays several update cards from different users:

- Share something** by Dina Maresi (22m ago):
Create Achievable Goals
Friday, May 20, 2016
Check it I'm free...
Buttons: Can't Make It, I'll Be There!
2 comments, 1 like
- Stanley Carlow** posted a status update 28m ago:
Hello, where can I find info to understand how the [Greenwell Share Now](#) app works and the value it brings to our social collaboration?
1 comment, 4 likes
- Vivian Hanley** posted a status update 34m ago:
How do we sign up for the new offering for internal use? I would like to test and report back.
1 comment, 4 likes
- Rebecca Gestner** created a blog post 24m ago:
Brand attributes and important characteristics
Wearable technology is no longer concept found in science fiction movies. WT has become a reality with millions of people using it everyday and ...
2 comments, 1 like
- Heather Reeds** uploaded a file 15m ago:
greenwell_branding.png
2 comments, 1 like

Aktion vornehmen

- Benutzer können Einträge direkt liken oder kommentieren

The screenshot shows the IBM Connections software interface. At the top, there is a navigation bar with links for Home, Mail, Calendar, People, Communities, and Apps. Below the navigation bar is a header bar with various icons and user profiles. The main content area is divided into several sections:

- TODAY:** A section for sharing content, with a placeholder "Share something".
- BLOG - PROJECT PLANNING:** A post by Vijay Nehru titled "Team Building and other useful planning strategies". The post includes a description: "We head into the next phase of the ect, we need to discuss to reflect on what was working well and what didn't work well in the last phase of the overall with extended... [More](#)". Below the post, there is a comment from Evelyn Stanwood and 6 others, and a reply from Evelyn Stanwood: "It's really helpful that this feedback is available ... [More](#)".
- FILE - GREENWELL_BRANDING.KEY:** A post by Heather Reeds titled "greenwell_branding.key". The file is a key icon with the text "GREENWELL" and "greenwell_branding.key". Below the file, there are 11 comments and 4 likes.
- Post:** A post by Amadou Alain titled "Post some photos we can use for Greenwell branding." The post includes a video thumbnail showing a person at a whiteboard with the text "Data Launch New York". Below the video, there is a comment from Dan Misawa: "I've been thinking about this more lately now that our ... [More](#)".
- Network Invite:** A notification for a "NETWORK INVITE" from Rebecca Gestner, with "Ignore" and "Accept" buttons.

At the bottom of the screen, there is a footer bar with a "Next Meeting: Finalize Strategy" notification and a timeline from 8am to 6pm.

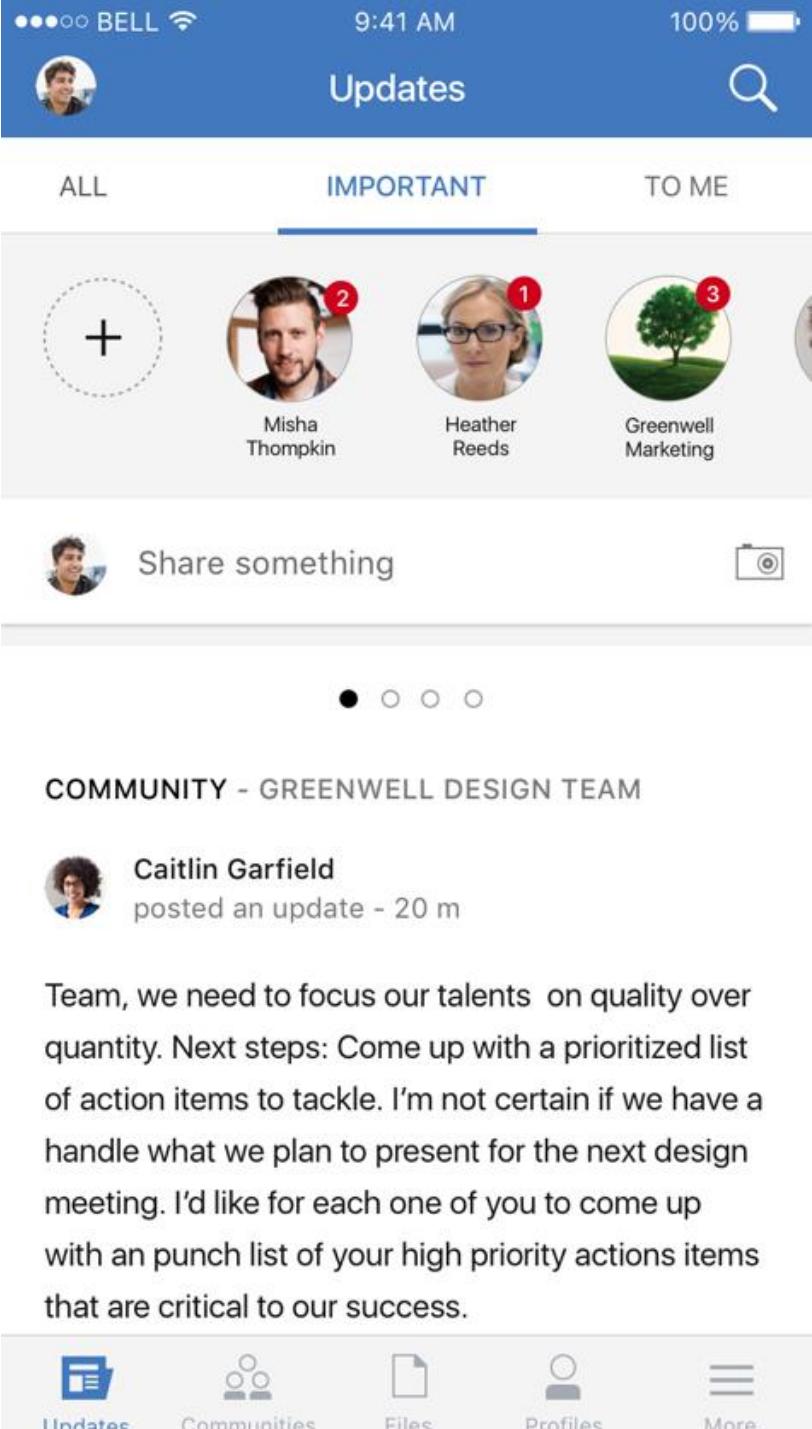
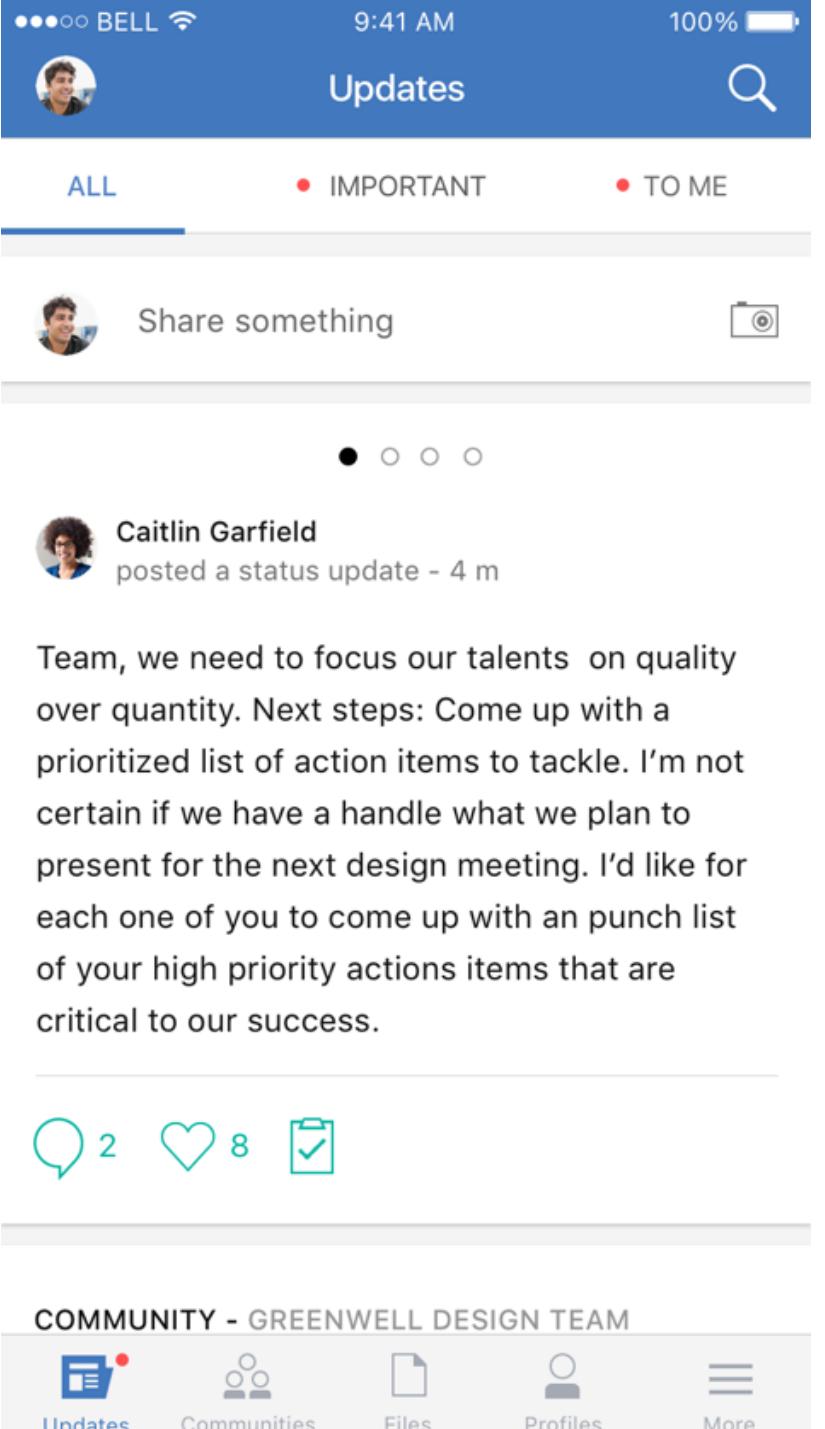
Benachrichtigungen

- Das neue Benachrichtigungs-zentrum bietet wichtige Nachrichten aus IBM Connections
- ... und zunächst Microsoft Outlook

The screenshot shows the IBM Connections Home page. At the top, there is a navigation bar with links for Home, Mail, Calendar, People, Communities, and Apps. Below the navigation bar is a header with user icons and a search bar. A banner on the right side displays a 3-minute notification for a meeting and a tasks section with 3 overdue tasks and 6 total tasks. The main content area is titled 'Top Updates' and shows a list of recent activity. The first update is from Dina Maroni, who created an event titled 'GreenFlex Feedback - Session with Amadou Alain' on February 10, 2017, from 10:00 to 11:00 AM. The second update is from Elizabeth Schofeld, who created a blog entry with the text 'To understand the world, learn to understand the data.' The third update is from Jan-Lucas von Schinitzeldorf, who created a blog entry titled 'How to improve your first time user experience.' The page also includes a 'Notifications' section on the right, which lists various notifications from other users like Amadou Alain, Dina Mironi, and Steve Cho.

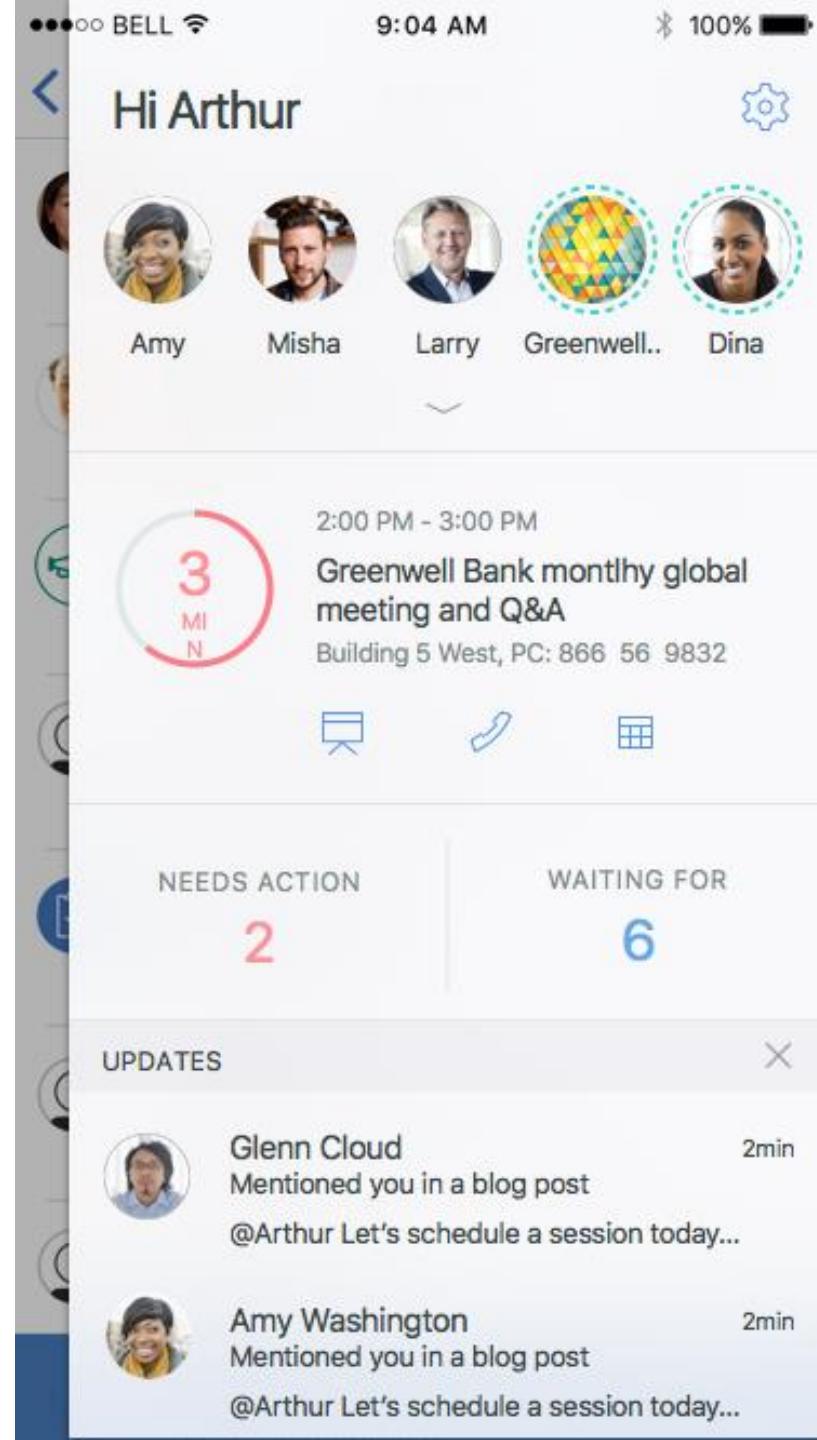
Mobil

- Neue persistente Navigation
- Aktualisierungen gruppiert nach Personen, Communitys oder Inhalten im Kartenformat
- Erweiterte Suchfunktionen bieten schnelle Ergebnisse und eine Historie der betrachteten Inhalte



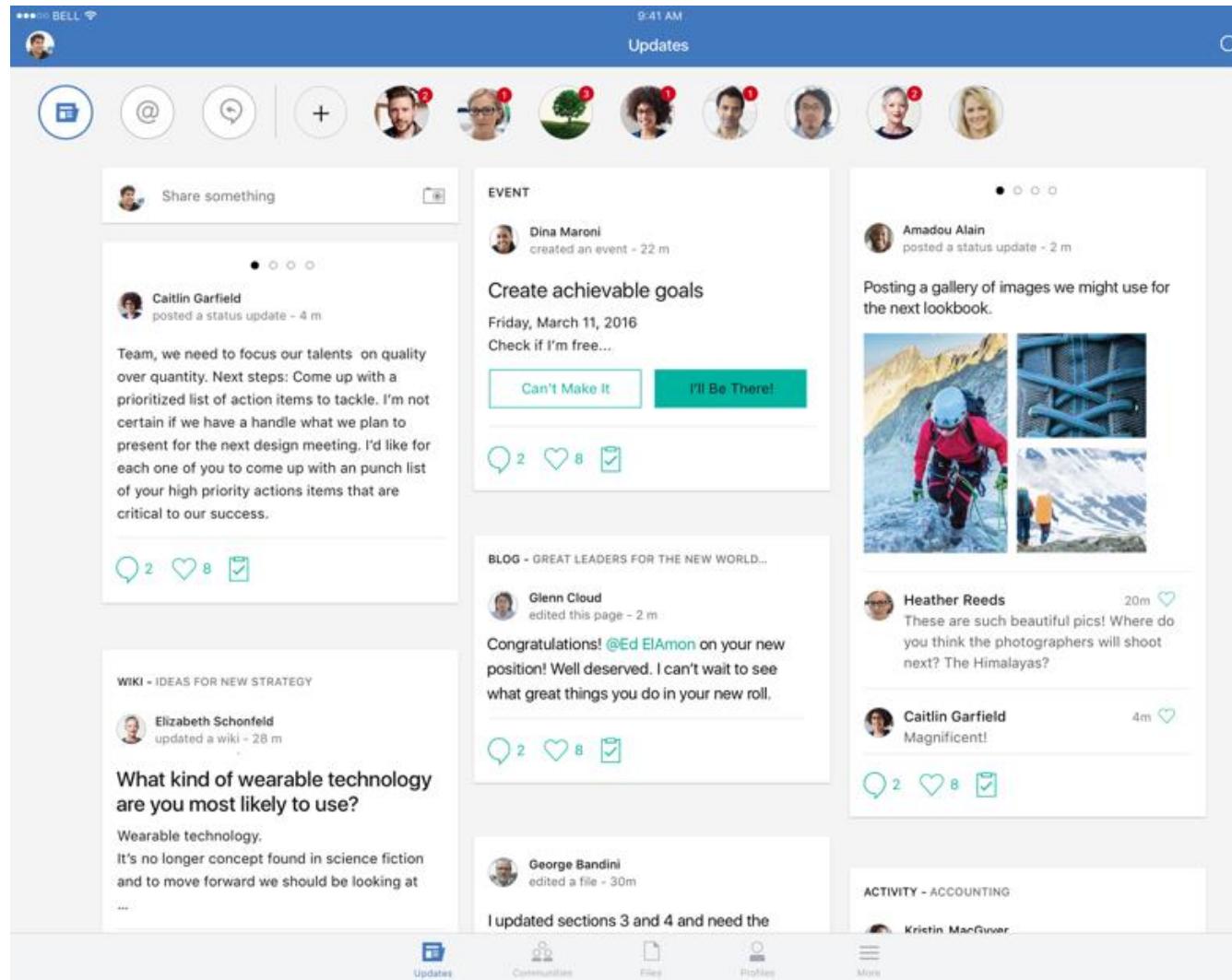
Mobile Benachrichtigungen

- Im neuen Benachrichtigungszentrum bekommt der Benutzer einen Überblick über seinen Tag

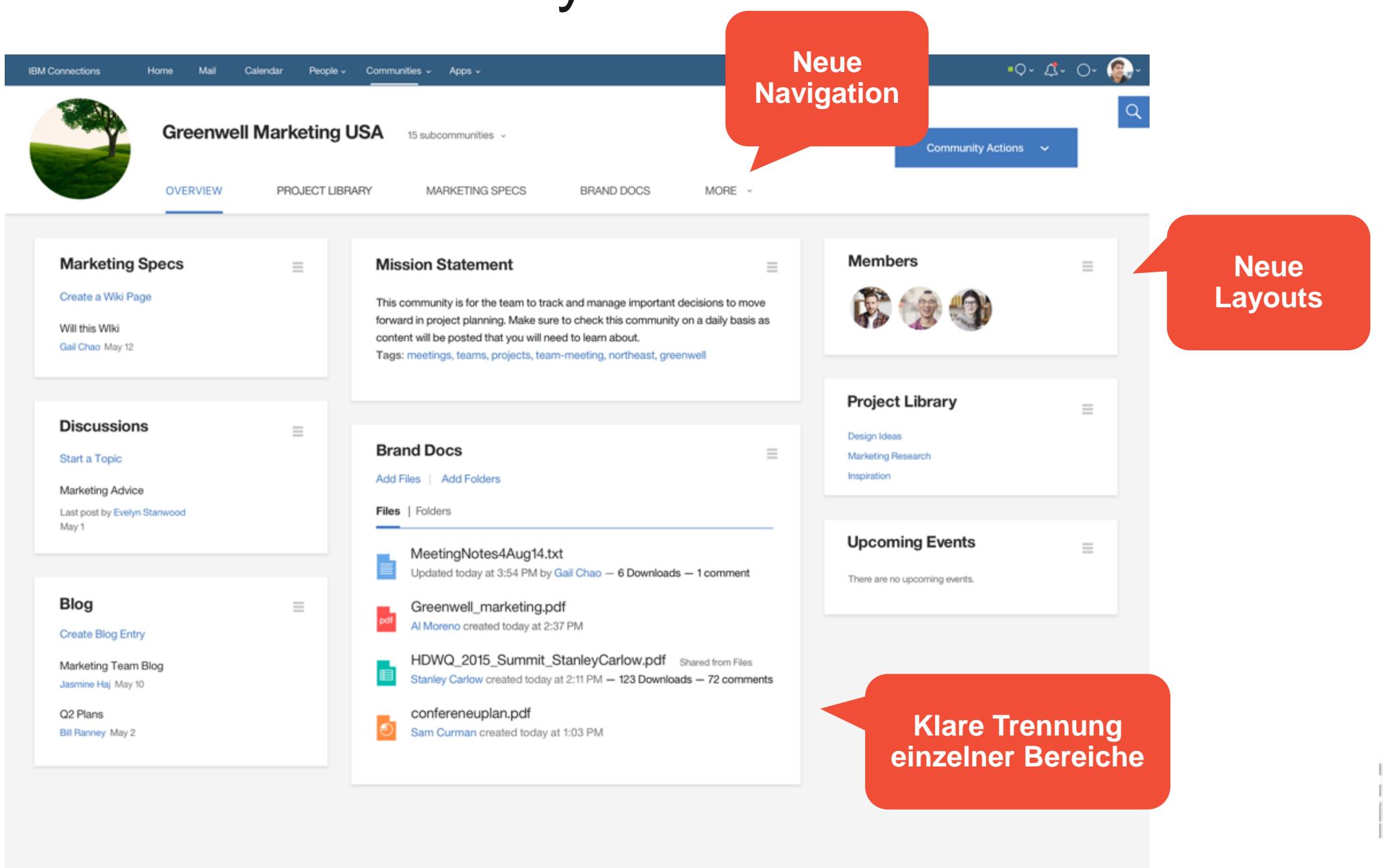


Mobile Anwendung für Tablets optimiert

- Auf dem Tablet nutzt die App den zusätzlich vorhandenen Platz und passt sich an den Formfaktor an



Communities im neuen Layout



The screenshot displays the IBM Connections community interface, specifically the 'Greenwell Marketing USA' community page. The top navigation bar includes links for 'IBM Connections', 'Home', 'Mail', 'Calendar', 'People', 'Communities', and 'Apps'. A red speech bubble on the right side of the header area contains the text 'Neue Navigation'.

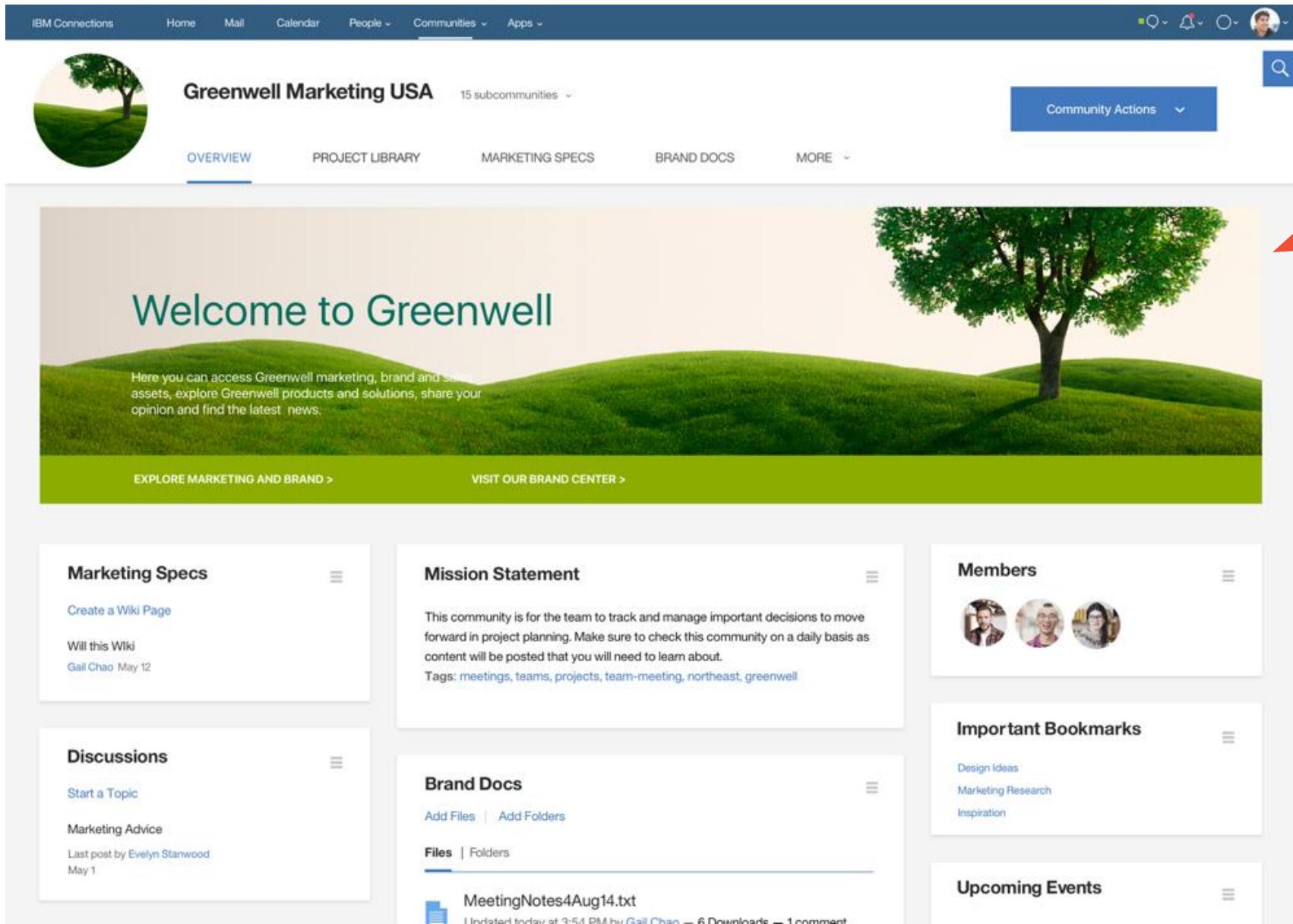
The main content area features a large image of a tree and the community name 'Greenwell Marketing USA' with a subcount of '15 subcommunities'. Below this are several navigation tabs: 'OVERVIEW' (which is selected and highlighted in blue), 'PROJECT LIBRARY', 'MARKETING SPECS', 'BRAND DOCS', and 'MORE'. A red speech bubble on the right side of the content area contains the text 'Neue Layouts'.

The content is organized into several sections:

- Marketing Specs:** Includes a 'Create a Wiki Page' button and a post by 'Will this Wiki' (Gail Chao, May 12).
- Mission Statement:** Describes the community's purpose for tracking important decisions and managing project planning. It includes a 'Tags' section with terms like 'meetings', 'teams', 'projects', 'team-meeting', 'northeast', and 'greenwell'.
- Members:** Shows three profile pictures of community members.
- Project Library:** Lists categories such as 'Design ideas', 'Marketing Research', and 'Inspiration'.
- Upcoming Events:** States 'There are no upcoming events'.
- Discussions:** Includes a 'Start a Topic' button and a post by 'Marketing Advice' (Last post by Evelyn Starwood, May 1).
- Brand Docs:** Features 'Add Files' and 'Add Folders' buttons. It lists several documents with their file types, uploaders, and download counts:
 - MeetingNotes4Aug14.txt (Updated today at 3:54 PM by Gail Chao — 6 Downloads — 1 comment)
 - Greenwell_marketing.pdf (Al Moreno created today at 2:37 PM)
 - HDWQ_2015_Summit_StanleyCarlow.pdf (Shared from Files, Stanley Carlow created today at 2:11 PM — 123 Downloads — 72 comments)
 - confereneuplan.pdf (Sam Curman created today at 1:03 PM)
- Blog:** Includes a 'Create Blog Entry' button and posts by 'Marketing Team Blog' (Jasmine Haj, May 10) and 'Q2 Plans' (Bill Ranney, May 2).

A red speech bubble at the bottom right contains the text 'Klare Trennung einzelner Bereiche'.

Communities mit Rich Text gestalten



The screenshot shows the 'Greenwell Marketing USA' community page on IBM Connections. The top navigation bar includes links for IBM Connections, Home, Mail, Calendar, People, Communities (which is the active tab), and Apps. The community header features a circular logo of a tree, the name 'Greenwell Marketing USA', and a link to '15 subcommunities'. A search bar and a 'Community Actions' dropdown are also present. Below the header, there are tabs for 'OVERVIEW' (which is selected), 'PROJECT LIBRARY', 'MARKETING SPECS', 'BRAND DOCS', and 'MORE'. The main content area has a large image of a tree on a hill and a 'Welcome to Greenwell' message. Below the image are two buttons: 'EXPLORE MARKETING AND BRAND >' and 'VISIT OUR BRAND CENTER >'. The page is divided into several sections: 'Marketing Specs' (with 'Create a Wiki Page' and 'Will this Wiki' links), 'Mission Statement' (with a detailed description and 'Tags: meetings, teams, projects, team-meeting, northeast, greenwell'), 'Members' (showing three profile pictures), 'Discussions' (with 'Start a Topic' and 'Marketing Advice' links), 'Brand Docs' (with 'Add Files' and 'Add Folders' buttons and a file named 'MeetingNotes4Aug14.txt'), 'Important Bookmarks' (listing 'Design Ideas', 'Marketing Research', and 'Inspiration'), and 'Upcoming Events' (which is currently empty). A red callout bubble on the right side of the page says 'Rich Text App für HTML/CSS'.

Communities kopieren

The screenshot shows the IBM Connections interface. On the left, a sidebar lists community categories: 'I'm an Owner', 'I'm a Member', 'I'm Following', 'I'm invited', 'Public Communities', 'Trash', and 'Tags'. The 'Tags' section shows 'No tags yet'. The main content area displays a list of communities, with the first one, 'Design Community', selected. A context menu is open over this community, with the 'Copy Existing Structure' option highlighted. A red callout bubble points to this option with the text 'Community-Strukturen kopieren'. The right side of the interface shows a 'Copying an Existing Structure' dialog and a 'Search Communities' search bar with the text 'new h'.

Start a Community

Start from New

Copy Existing Structure

- Visual Design

- UX Design

- Agile Practices

Community-Strukturen kopieren

Design Community

12 people | Updated by Anita Memagh | Today at 7:01pm

Previous Next

Communities

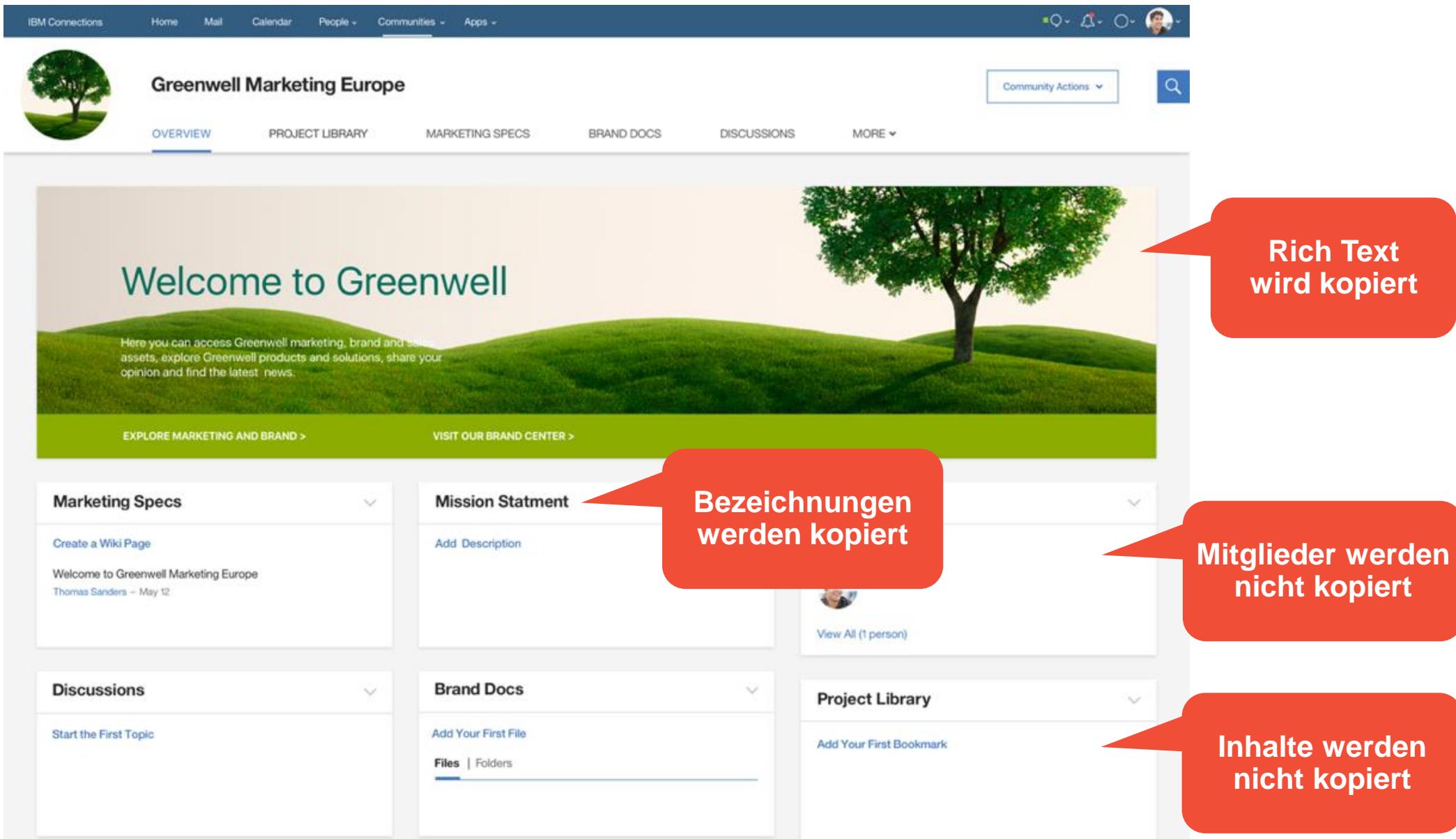
new h

New Hires Austin

New Hires NYC

New Hires San Francisco

Communities kopieren



The screenshot shows the 'Greenwell Marketing Europe' community page on IBM Connections. The page includes a header with navigation links (IBM Connections, Home, Mail, Calendar, People, Communities, Apps) and a user profile. Below the header is a navigation bar with 'OVERVIEW' (highlighted in blue), 'PROJECT LIBRARY', 'MARKETING SPECS', 'BRAND DOCS', 'DISCUSSIONS', and 'MORE'. The main content area features a 'Welcome to Greenwell' banner with a tree on a hill and a 'Marketing Specs' sidebar. A red callout box on the right side contains the text 'Rich Text wird kopiert'. Another callout box points to the 'Mission Statement' section with the text 'Bezeichnungen werden kopiert'. A third callout box points to the 'Members' section with the text 'Mitglieder werden nicht kopiert'. A fourth callout box points to the 'Content' section with the text 'Inhalte werden nicht kopiert'.

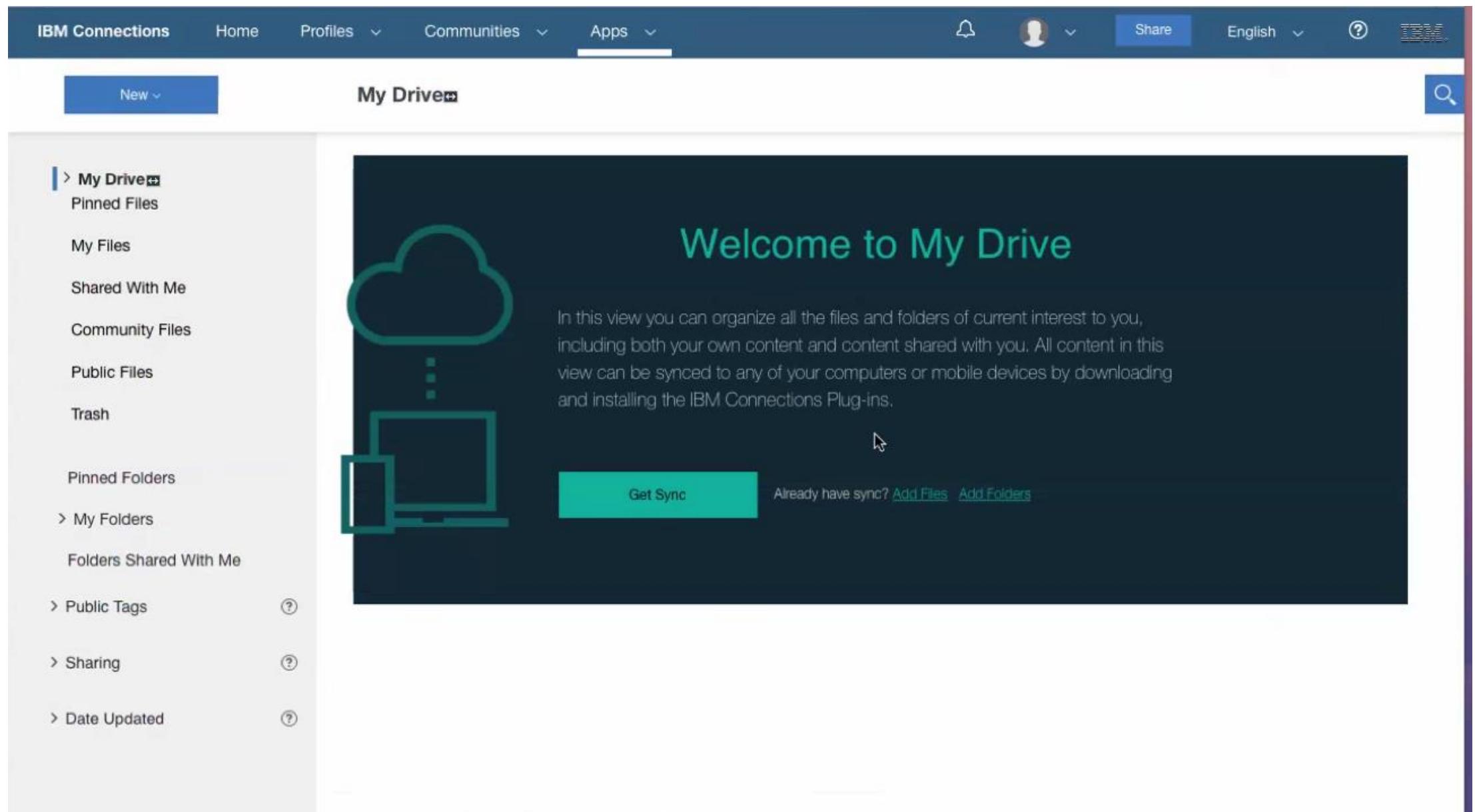
Rich Text wird kopiert

Bezeichnungen werden kopiert

Mitglieder werden nicht kopiert

Inhalte werden nicht kopiert

Dateien: My Drive



The screenshot shows the IBM Connections My Drive interface. The top navigation bar includes links for IBM Connections, Home, Profiles, Communities, Apps (which is the active tab), Share, English, and Help. The main content area is titled "My Drive" and features a "Welcome to My Drive" message. On the left, a sidebar lists navigation options: My Drive (selected), Pinned Files, My Files, Shared With Me, Community Files, Public Files, Trash, Pinned Folders, My Folders (selected), Folders Shared With Me, Public Tags, Sharing, and Date Updated. A central graphic shows a cloud connected to a laptop screen. Below the graphic are buttons for "Get Sync" and "Already have sync? Add Files Add Folders". The bottom right corner shows a small icon of a bar chart.

IBM Connections Home Profiles Communities Apps Share English ? IBM

New ▾ My Drive Pinned Files

My Files Shared With Me Community Files Public Files Trash

Pinned Folders My Folders Folders Shared With Me

Public Tags Sharing Date Updated

Welcome to My Drive

In this view you can organize all the files and folders of current interest to you, including both your own content and content shared with you. All content in this view can be synced to any of your computers or mobile devices by downloading and installing the IBM Connections Plug-ins.

Get Sync Already have sync? [Add Files](#) [Add Folders](#)

Dateien: Ordnerstrukturen synchronisieren

The screenshot shows the IBM Connections interface with the 'My Drive' view selected. A red callout box points to the 'My Drive' tab with the text 'Eigene Dateien oder mit mir geteilte Dateien'. Another red callout box points to the right pane with the text 'Komplett synchronisierte Ordnerstrukturen'. The left sidebar shows a tree view of 'My Drive' with various folders like 'Connections 2017', 'Photos', and 'Old Pictures'. The main pane displays a list of files and folders, including 'Collateral', 'Connections 2017', 'Report', 'Marketing Files', 'Old Pictures', 'Beijing', 'Photos', 'Boston', 'mydrive-sync.jpg', and 'Design-Folder Sync Indicator 2.pdf'. The interface includes a toolbar with icons for file operations and a 'Favorites' sidebar on the left.

Eigene Dateien oder mit mir geteilte Dateien

Komplett synchronisierte Ordnerstrukturen

Name	Size	Kind
Collateral	--	Folder
Connections 2017	--	Folder
Report	--	Folder
Marketing Files	--	Folder
Old Pictures	--	Folder
Beijing	--	Folder
Photos	--	Folder
Boston	--	Folder
mydrive-sync.jpg	857 bytes	JPEG image
Design-Folder Sync Indicator 2.pdf	5.5 MB	PDF Document

Neue Onboarding-Erfahrung

- Adoption verbessern durch die bessere Einführung neuer Benutzer
- Neue Benutzer durchlaufen einen Assistenten
- Benutzern werden Kontakte und Communitys vorgeschlagen
- Geführte Touren stellen die wichtigsten Funktionen vor

IBM Connections

Welcome to Connections, Heather !

In a few moments, you'll be empowered to collaborate on documents, brainstorm with your team, manage tasks, build a knowledge base, and share updates on what you and your team are working on. Together, let's:

Step 1: Create your Profile
Step 2: Follow People & Communities



Let's Go!

I accept the [Policy and Guidelines](#)

Onboarding

IBM Connections

Finish Later

Add Your Profile Photo

More people will connect with you if they can see who you are.



Heather Reeds 

Marketing Strategist 

Back

• ○ ○ ○

IBM Connections

Finish Later

Add Your Interests

We'll use this information to make you more visible to colleagues and to personalize your recommendations and updates.

Search for interests 

Based on your role and colleagues' interests, we've suggested interests to get you started. We recommend that you follow at least 3.

My Interests
acquisition 
advertising 
b2b 
b2c 
brand 
competitive-analysis 
contracts 
creative-design 
design 
event-planning 
kpi 
market-research 

Suggested Interests

strategy 
segmentation 
p&l 

Back

• ○ ○ ○

Next

Onboarding

IBM Connections

Finish Later

Follow Colleagues

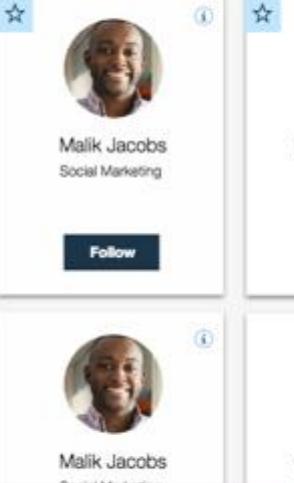
Select people relevant to you so you can keep up-to-date, follow their updates, and learn more about their most popular files, blogs, and other communications.

Search for colleagues 

We've added some suggestions based on expertise, interests, and peer relationships. We recommend that you follow at least 3.

Colleagues you follow: (7 people)

You can add or remove people at anytime.



Malik Jacobs
Social Marketing
[Follow](#)

Back

Finish Later

Follow Communities

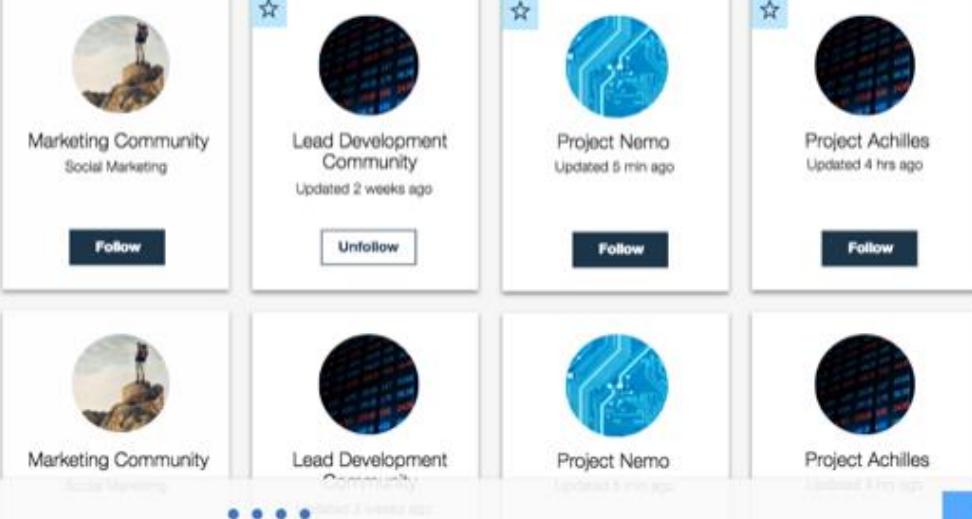
Your colleagues use communities to share ideas they care about. Stay connected with interesting projects, follow inspiring discussions, and read current announcements.

Search for communities 

Top Communities to follow in your company. Follow Communities to benefit from shared knowledge.

Communities you follow: (7 communities)

You can add or remove Communities anytime.



Marketing Community
Social Marketing
[Follow](#)

Lead Development Community
Updated 2 weeks ago
[Unfollow](#)

Project Nemo
Updated 5 min ago
[Follow](#)

Project Achilles
Updated 4 hrs ago
[Follow](#)

Marketing Community
Social Marketing
[Follow](#)

Lead Development Community
Updated 2 weeks ago
[Unfollow](#)

Project Nemo
Updated 5 min ago
[Follow](#)

Project Achilles
Updated 4 hrs ago
[Follow](#)

Back

Next

Und noch mehr Verbesserungen

- Inaktive Benutzer aus Communitys entfernen (wsadmin-Befehl)
- Hochladen großer Dateien (> 2 GB)
- Rich Text Editor: Kopieren und Einfügen von Formatierungen
- Verbessertes Suchlayout und Historie von besuchten Inhalten
- Verbessertes Hochladen von Dateien in der Dateivorschau
- Vorschau zusätzlicher Dateitypen in der Dateivorschau
- Verlinken spezifischer Foreneinträge (Permalink)



Pink - was wird anders?

Alles



Clients

Wirkliches Mobile-First zusammen mit einem Fokus auf native Windows und OSX Clients – in Electron entwickelt



Container

Keine Installierer mehr – einfache, skalierbare moderne, Docker-basierte Container mit dynamischer Provisionierung



API Ökonomie

Alles in Pink ist eine API. Über die APIs kann man eigene Clients erstellen oder existierende Backend-Systeme einbinden



Technische Basis

Ein Fokus auf Einfachheit, Geschwindigkeit und das Beseitigen von Komplexität. Moderne Tools zum Bauen einer modernen Lösung.

Pink Technologie

Modern CI-CD

StrongLoop / IBM API Connect (node.js/express)

SWIFT / GO

React.js

MongoDB

Redis

Nginx

Docker



Pink – wie?

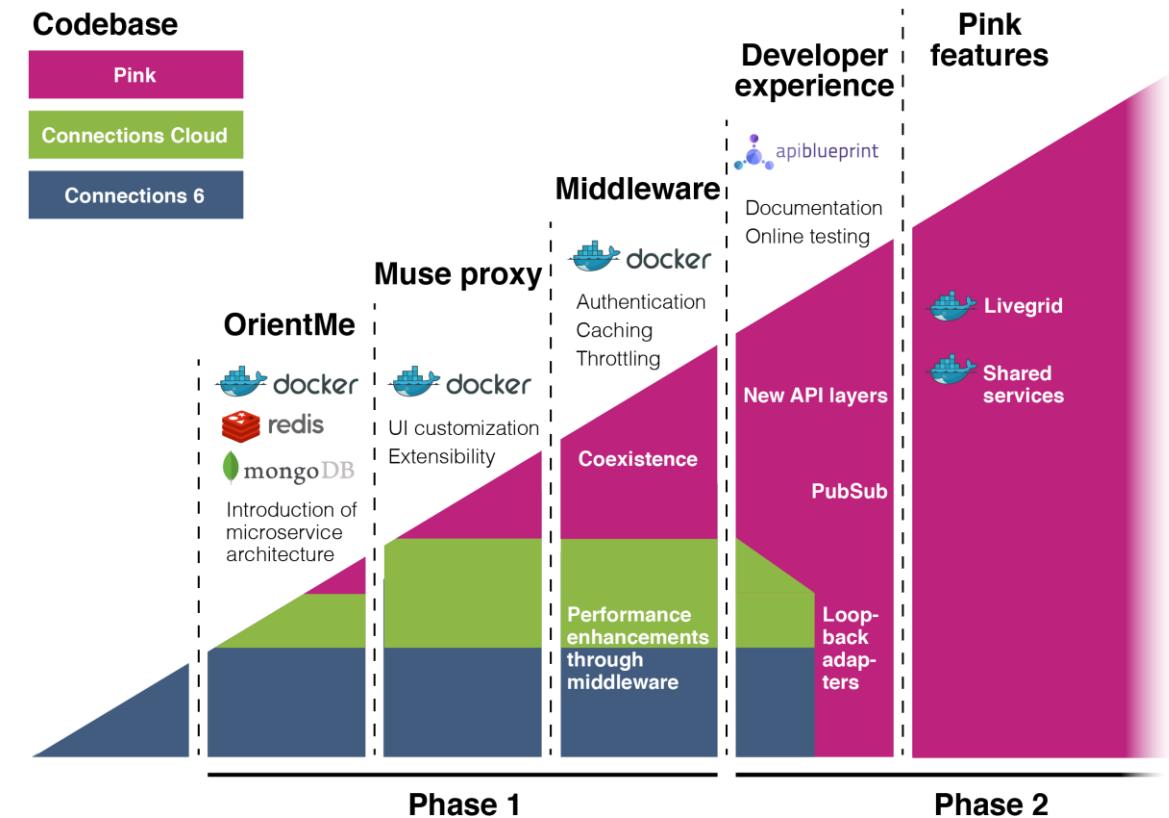
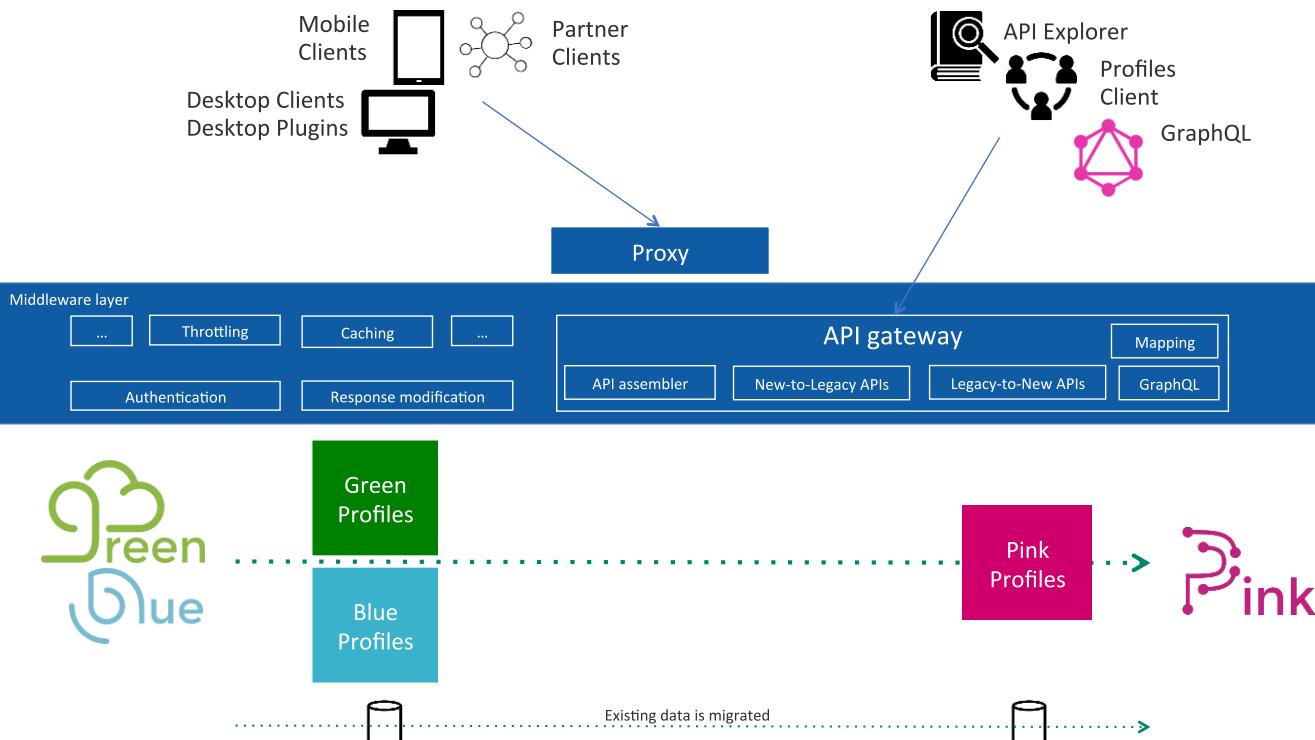


„Wir entwickeln Software nicht für unsere
Kunden und Partner.
Wir entwickeln sie **mit** ihnen“

... u.a. als Teil des IBM Design Thinking Prozesses (Playbacks)

Pink ist eine Reise und kein Ziel

Bestehende Funktionen in Connections 6 werden zunächst emuliert und dann sukzessive ersetzt. Zuerst die Profile. Zunächst gibt es neue Funktionen, u.a. LiveGrid (neue Listen-Funktion).



Strategische Partnerschaft in der Cloud

Box als Cloud-basiertes Dokumentenmanagement

Optionale Integration von Box in IBM Connections Cloud und on Premises
(als Ergänzung/Alternative zu “Files”)

Box eingebunden in beliebige Communitys gibt den Nutzern einen
einfachen Zugriff auf Dateien und Folder in Box

Über den Connections Rich Text Editor (z.B. für Wikis, Blogs, ...) lassen sich
Box Inhalte integrieren

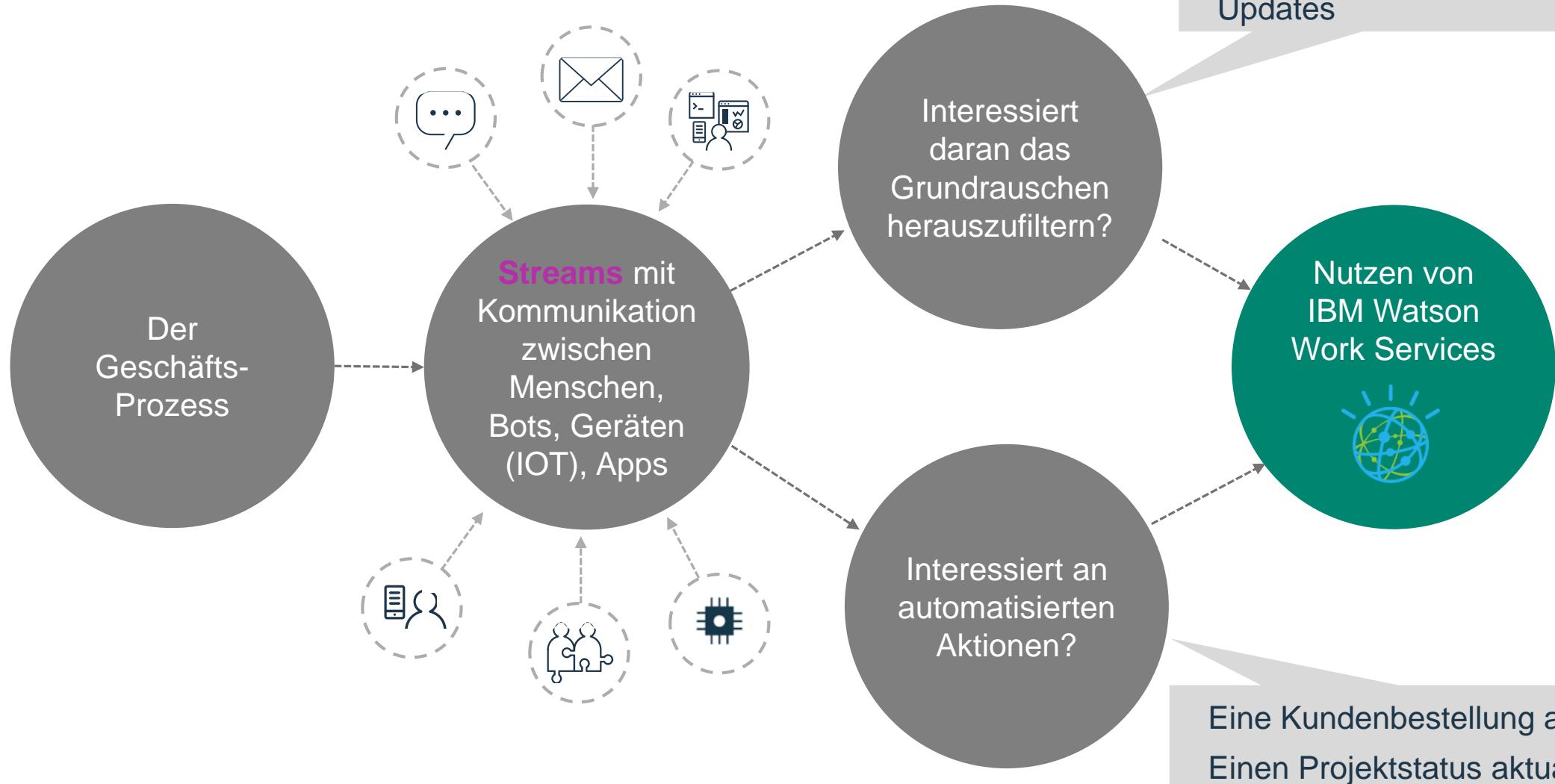
Optionales Abschalten von Connections Files auf Installationsebene

Einfache Navigation zu Box.com
(aus der IBM Connections Navigationsleiste)

Neuer **Dokumenten-Workflow** über Box Relay (2H17)

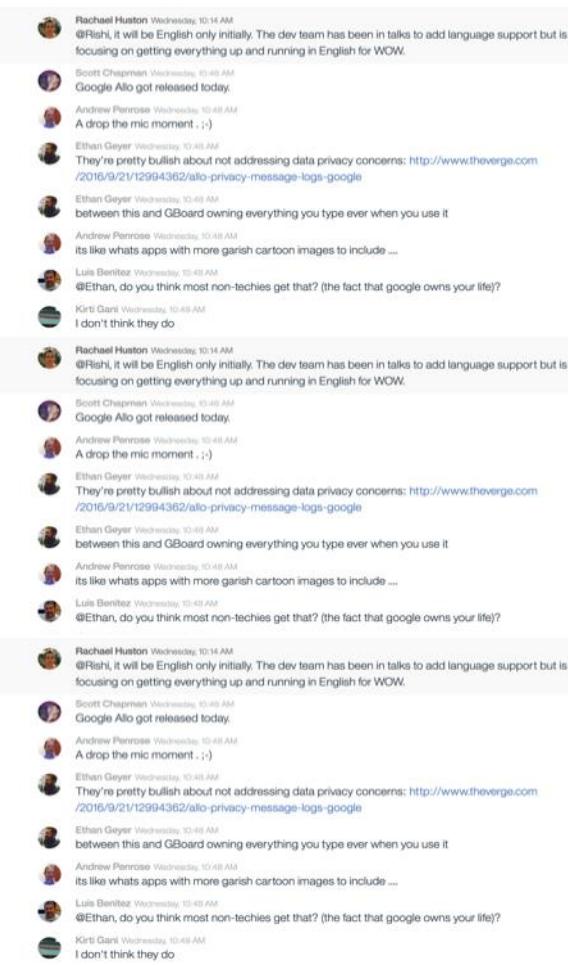


Watson Work Services – wofür?



Watson Work Services: Kognitive Helfer eröffnen den Blick auf das Wesentliche

Stream



Rachael Huston Wednesday, 10:14 AM
@Rishi, it will be English only initially. The dev team has been in talks to add language support but is focusing on getting everything up and running in English for WOW.

Scott Chapman Wednesday, 10:49 AM
Google Allo got released today.

Andrew Penrose Wednesday, 10:49 AM
A drop the mic moment .:-)

Ethan Geyer Wednesday, 10:49 AM
They're pretty bullish about not addressing data privacy concerns: <http://www.theverge.com/2016/9/21/12994362/allo-privacy-message-logs-google>

Ethan Geyer Wednesday, 10:49 AM
between this and GBoard owning everything you type ever when you use it

Andrew Penrose Wednesday, 10:49 AM
its like what's apps with more garish cartoon images to include

Luis Benitez Wednesday, 10:49 AM
@Ethan, do you think most non-techie's get that? (the fact that google owns your life)?

Kirti Ganti Wednesday, 10:49 AM
I don't think they do

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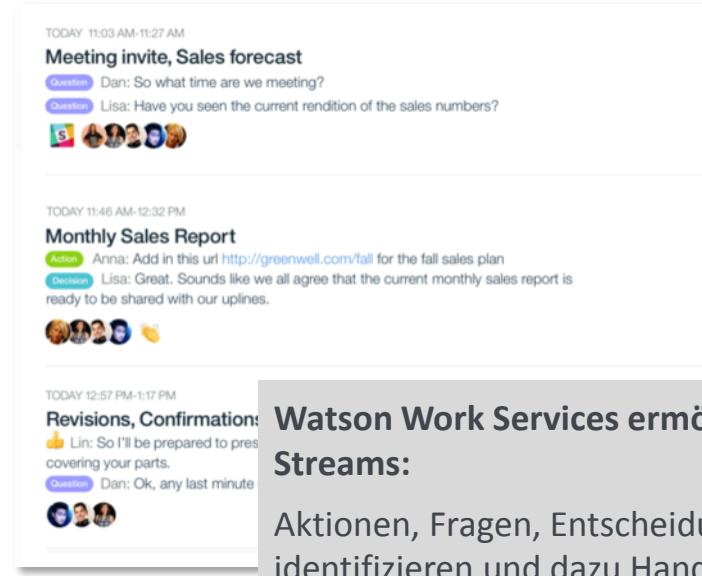
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I don't think they do

„Moments“



TODAY 11:03 AM-11:27 AM
Meeting invite, Sales forecast

Question Dan: So what time are we meeting?

Answer Lisa: Have you seen the current rendition of the sales numbers?



TODAY 11:46 AM-12:32 PM
Monthly Sales Report

Action Anna: Add in this url <http://greenwell.com/fall> for the fall sales plan

Decision Lisa: Great. Sounds like we all agree that the current monthly sales report is ready to be shared with our uplines.



TODAY 12:57 PM-1:17 PM
Revisions, Confirmation:

Like Lin: So I'll be prepared to present covering your parts.

Question Dan: Ok, any last minute



Watson Work Services ermöglicht in Streams:

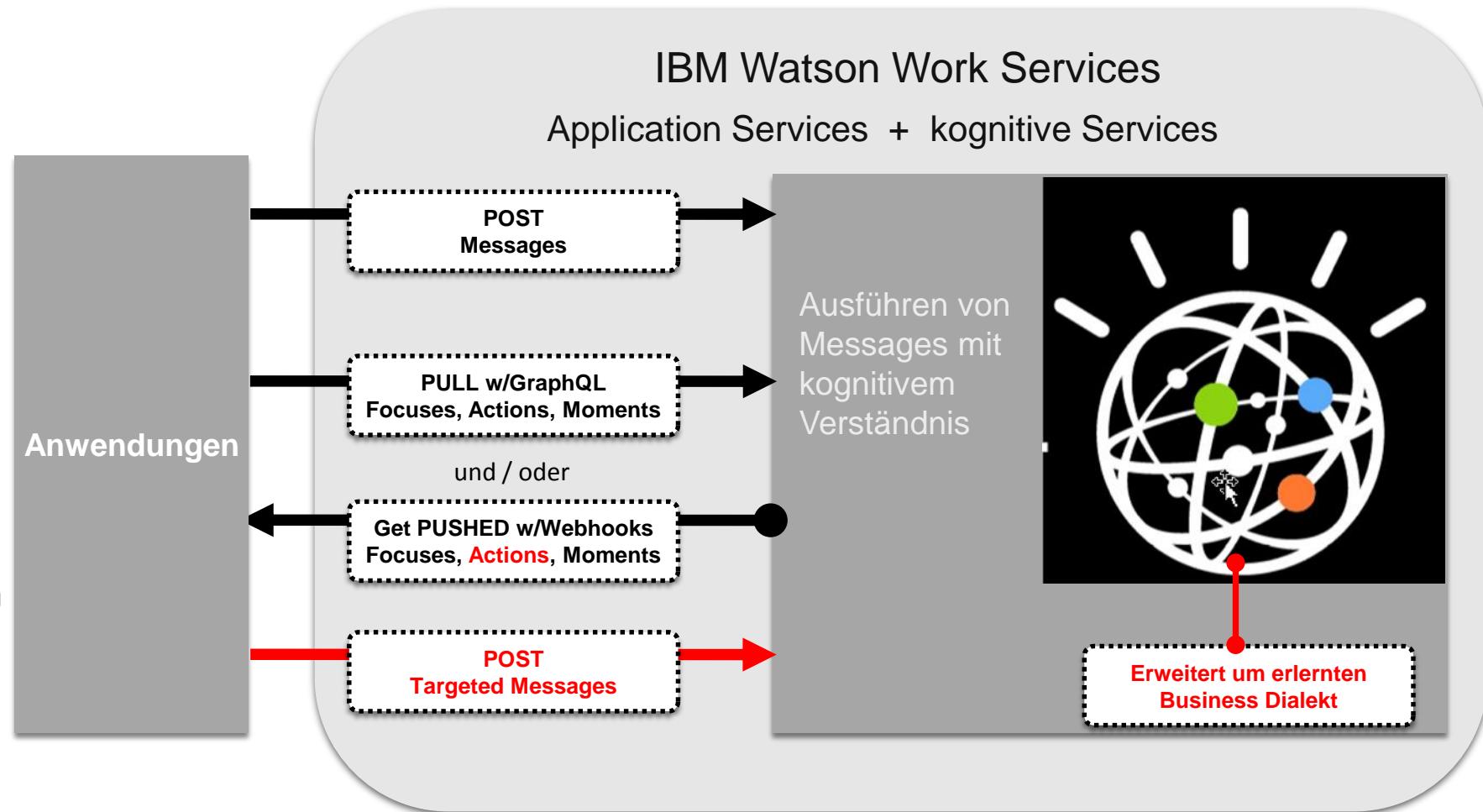
Aktionen, Fragen, Entscheidungen zu identifizieren und dazu Handlungen vorzuschlagen

Inhalte zu „Moments“ zusammenfassen und die zugehörigen Personen aufzulisten

Das funktioniert auch mit integrierten Inhalten (Bots, Apps)

Ist überall integrierbar: Watson Workspaces, Verse, usw.

Watson Work Services mit/in Apps nutzen



IBM Watson Work Services (FAQ hier)



IBM Watson Workspace



Industrien

Healthcare, Einzelhandel,
Finanz,...



Anwendungen

E-Mail, Social, Audio/Video...
Vertrieb, HR/Talente, Marketing...

Kognitive APIs

**Business Konversationen
verstehen**



App APIs

Aktionen einleiten

IBM Watson Work Services



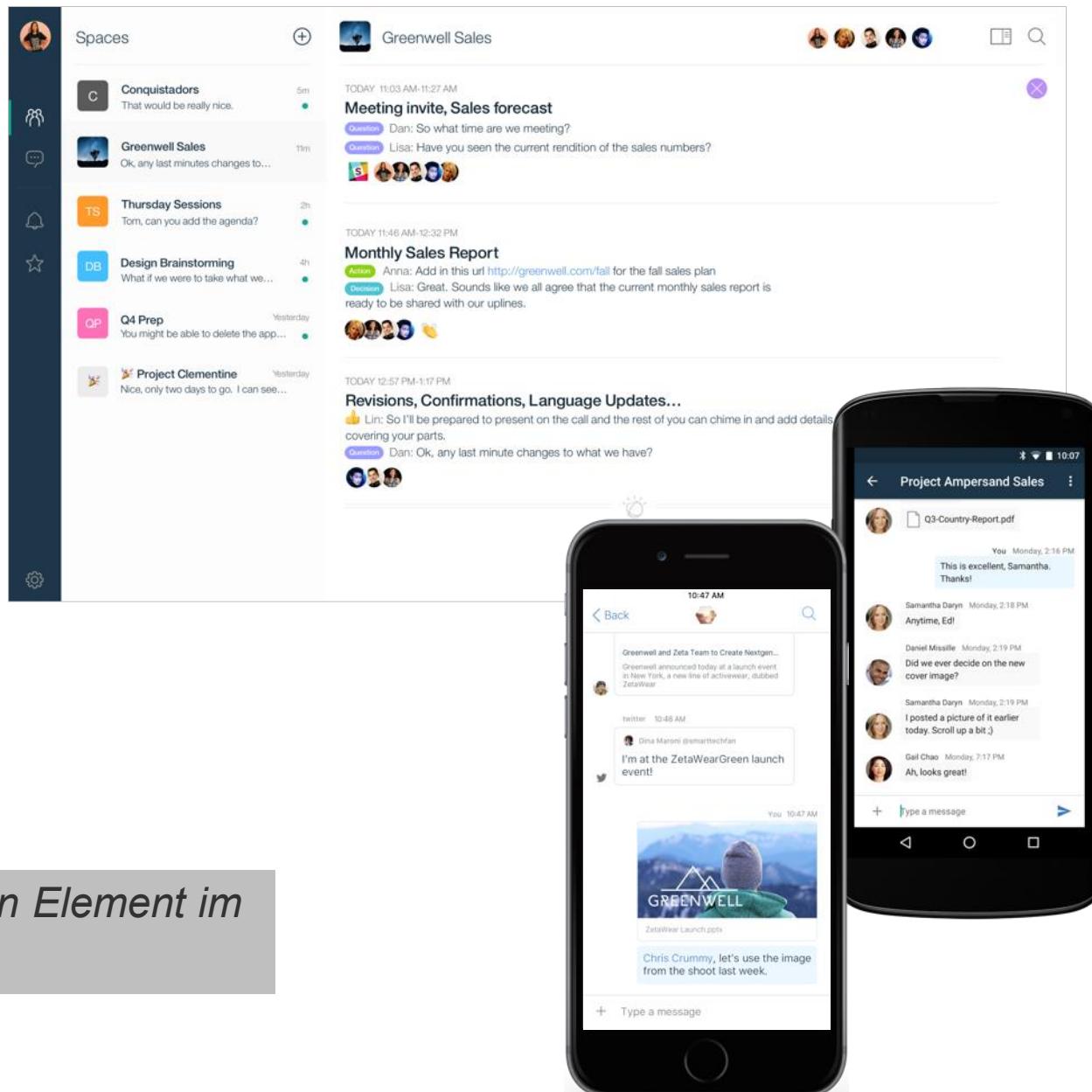
Was ist IBM Watson Workspace?

Eine neue kollaborative Plattform und App für Teams in Unternehmen zum Arbeiten in Workstreams.

Angereichert mit kognitiven Bausteinen aus den IBM Watson Work Services, die ermöglichen auf das, was wichtig ist, sehr schnell zu fokussieren (Moments).

Integriert eine Vielzahl populärer Business Apps, Daten und Prozesse über Bots (Mikroanwendungen) und verknüpft sie mit Watsons kognitiver Intelligenz

„Watson Workspace hat das Potenzial zum zentralen Element im Arbeitsplatz der Zukunft zu werden!“



Watson Workspace und Work Services

- Was als Nächstes kommen wird



Kognitiv

Konversationen und Inhalte

Preview

Allgemein verfügbar (GA, 2H17)

Fortlaufende Updates

Aktuelle Updates

Kommt bald

- Moments auf der mobilen App
- Moments in Echtzeit
- Verbesserung der Moments Inhalte
- Training von Business Dialekten

- + Kognitive interaktive Aktionen in Watson Work Services und Workspace

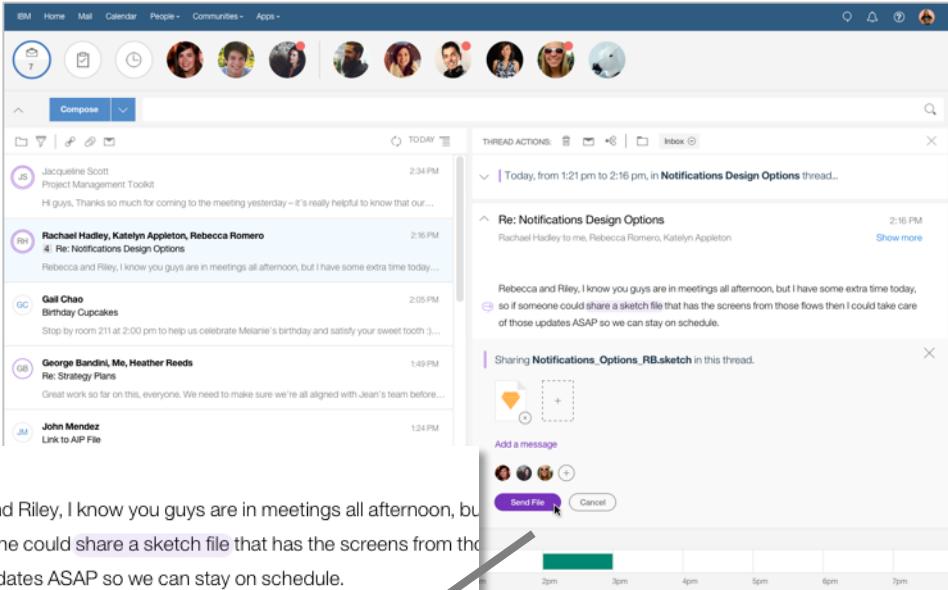
- + Direct Messaging
- + @mentions
- + Wo man aufgehört hatte
- + Suche nach Spaces und Personen
- + File Thumbnails in der Ressourcenansicht
- + Stummschalten von Spaces
- + "Wer tippt"-Indikator
- + Businesspartner App-Katalog
- + Emojis im Web

- + Hinzufügen von Box & Connections Files
- + Meetings und Video Integration
- + Connections & Verse Integration
- + Sehen wer aktiv ist
- + Suche im Inhalt
- + Rich Content Preview
- + Mac und PC Desktop Apps
- +und mehr

Plans are subject to change

Beispiele der gedachten Nutzung von Work Services in E-Mail

IBM Verse



Rebecca and Riley, I know you guys are in meetings all afternoon, but so if someone could share a sketch file that has the screens from those updates ASAP so we can stay on schedule.

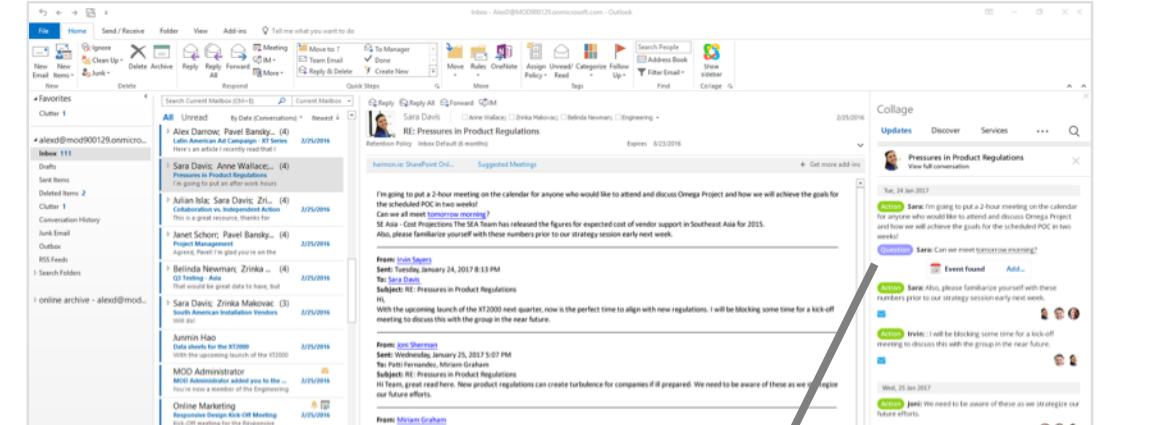
Sharing [Notifications_Options_RB.sketch](#) in this thread.



Add a message

Send File Cancel

harmon.ie® Microsoft Outlook



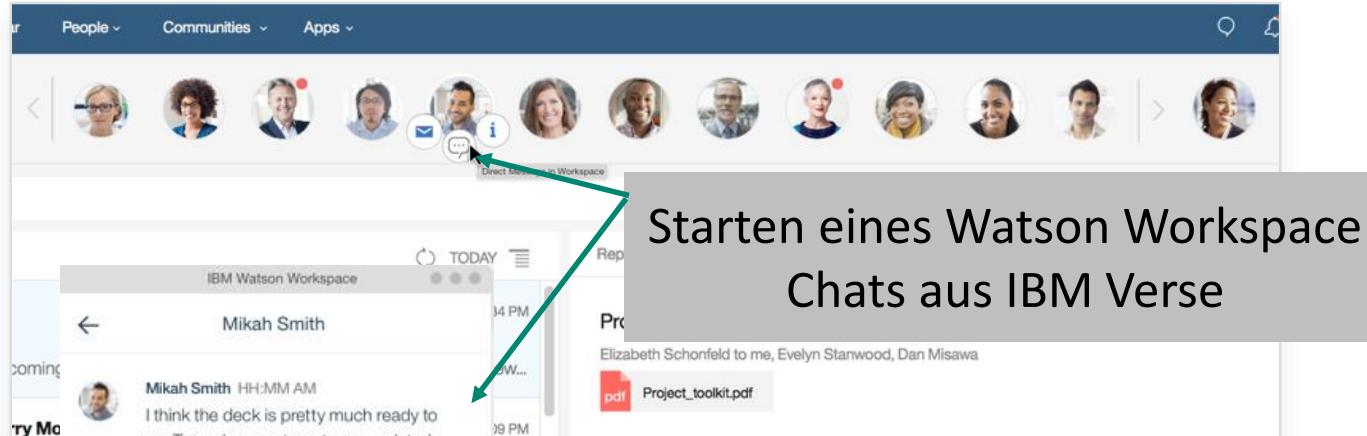
Action **Sara:** I'm going to put a 2-hour meeting on the calendar for anyone who would like to attend and discuss Omega Project and how we will achieve the goals for the scheduled POC in two weeks!

Question **Sara:** Can we meet tomorrow morning?

Event found **Add...**

Plans and Designs are Subject to Change

Watson Workspace und IBM Verse Integrationskonzept



Starten eines Watson Workspace Chats aus IBM Verse

Mikah Smith HH:MM AM
I think the deck is pretty much ready to go. Team, be sure to put your updated screens in there.

You HH:MM AM
Nullam quis risus eget urna mollis ornare vel eu leo. Curabitur blandit tempus porttitor. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.

Mikah Smith HH:MM AM
Praesent commodo cursus magna, vel scelerisque nisl consectetur et.

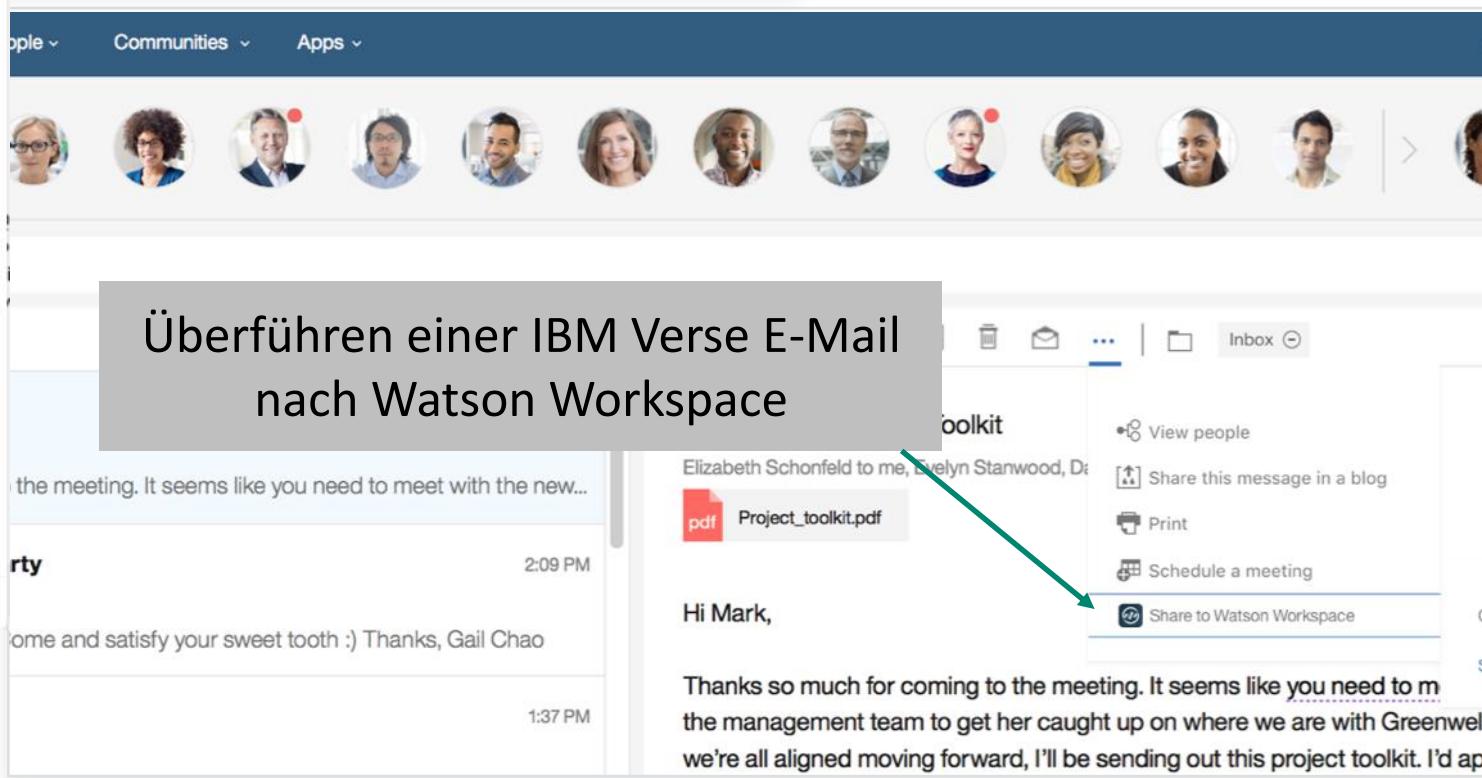
Praesent commodo cursus magna, vel scelerisque nisl consectetur et.

You HH:MM AM
Right.

Mikah Smith HH:MM AM
Praesent commodo cursus magna, vel scelerisque nisl consectetur et.

Type something...  

Designs subject to change



Überführen einer IBM Verse E-Mail nach Watson Workspace

Elizabeth Schonfeld to me, Evelyn Stanwood, Dan Misawa
Project_toolkit.pdf

Hi Mark,

Thanks so much for coming to the meeting. It seems like you need to m the management team to get her caught up on where we are with Greenwell we're all aligned moving forward, I'll be sending out this project toolkit. I'd app



Watson Workspace - Connections Integrationskonzept

 Mobile Design / Dev

 Jacqueline Scott HH:MM AM
We're getting close guys! Let's keep it going!

 John Mendez HH:MM AM
I think the deck is pretty much ready to go. Team, be sure to put your updated screens in there.

 Edward Headward HH:MM AM
Mine are updated too

 Jacqueline Scott HH:MM AM
Great work this week, team!

 John Mendez HH:MM AM
I think the deck is pretty much ready to go. Team, be sure to put your updated screens in there.

 Jacqueline Scott HH:MM AM
I made a new presentation

 Edward Headward HH:MM AM
Thanks!

 Communities HH:MM AM
On Wednesday, May 25, from 3:21 pm to 3:45 pm

  discussed Meeting with dev, File updates and Feasibility

Some **action** items were identified...

Rachael: @Katelyn will you update that file before we review with the team?

Katelyn: let's set up a meeting with someone from dev to get their input on what we have so far

 Jacqueline Scott HH:MM AM
Looks like we are making some good progress!

Connections Community Updates



 Sales

 Rebecca Romero HH:MM AM
Cool, thanks.

 John Mendez HH:MM AM
What are the top opportunities at GenePoint?

 SalesForward HH:MM AM
Opportunity: GenePoint SLA
Stage: Proposal/Price Quote
Amount: \$395,000
Probability: 50%

Opportunity: GenePoint Standby Generator
Stage: Value Proposition
Amount: \$245,000
Probability: 75%

Erzeugen einer Connections Aktivitäts-Aufgabe aus Watson Workspace

Only you can see this message • IBM Connections Activities

Add To Do Item: John can you share the cover art

Greenwell Sales
 Marketing Strategy
 Sales Training

Add to Activity **Cancel**



Watson Workspace - Connections Integrationskonzept: Dateien (Files)

Teams

Mobile Design / Dev

Conquistadors 1h TODAY Jacqueline Scott HH:MM AM I have hinted that I would often jerk poor Queequeg from between the whale and the ship—where he would occasionally fall, from the incessant rolling and swaying of both. But this was not the only jamming jeopardy he was exposed to.

Mobile Design/Dev 1h

Thursday Sessions 24h John Mendez HH:MM AM Vestibulum id ligula porta felis euismod semper. Donec ullamcorper nulla non metus auctor fringilla.

Design Brainstorming

Q4 Prep

Project Clementine

What do you guys think about this?

Send   

IBM Connections

Only those who have been given access in Connections Files can view this link, unless the file is public to anyone in your organization.

My Files

Select files

Team Video.mov

chapter1_1_560px_web%\$jpg

PromptEnhancements_Spec.pdf

Mute_48-1.svg

LeftNav_AllFiles.rp

Community_LeftNav_Prototype1.rp

Manage access

Everyone in IBM

Only those with access

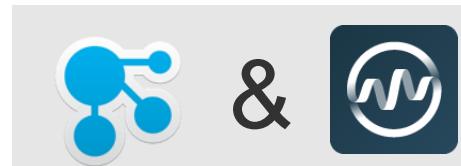
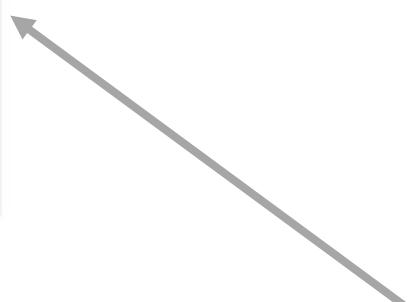
Only those with access

Only those with access

Everyone in IBM

Only those with access

Share Link Cancel



Mein ganz persönliches Architekurbild

Keine offizielle IBM Architekturfolie – sondern der Versuch eines
ganzheitlichen Bildes.

Presentation Layer

Workspace

API / REST Layer

JSON

Domino

Connections Services
als Micro Services in
Docker Containern

mongoDB

Watson
Work
Services

Storage

Bluemix Services



Schon **25%** der Mitarbeiter arbeiten heute in „nicht-Routine“-Tätigkeiten

Arbeiten in kognitiv unterstützten Konversationen („Workstreams“) macht sie ungleich produktiver.

... und wann beginnen Sie ?



Inhi Cho Suh
GM IBM Collaboration Solutions

Strategische Partner-Optionen für Communications

Cloud /
hybrid



IBM Connections Cloud Chat
& Meetings

Chat

Text-Chat, Audio und Video,
Dateiübertragung und
Screenshots

Meetings

Online-Meetings mit
gemeinsamer Desktop- und
Anwendungsnutzung, Chat und
Umfragen, mit Audio/Video
und optional Telefonanwahl



GENBANDTM

 **KANDY**
Business Solutions

Telefonie

- Internet-PBX (zentral)
- MPLS-Anbindung
- Modernste Codecs / WebRTC
(Bandbreitenbedarf, Qualität)
- Entgeräte Hard- und Softphones

Audiokonferenzen

UC & Unified Messaging

Contact Center

*Über ST Softphone oder
alternativen Bowser Client von
Genband*



Jabber, Spark und WebEX

Als Alternativen zu Sametime
Chat and Meetings in der Cloud,
voll integriert in Connections
Cloud S1 (inkl. Verse)

Part# : Ende April 2017

On prem



IBM Sametime 9.0.1

Chat

Meetings inkl. Audio/Video

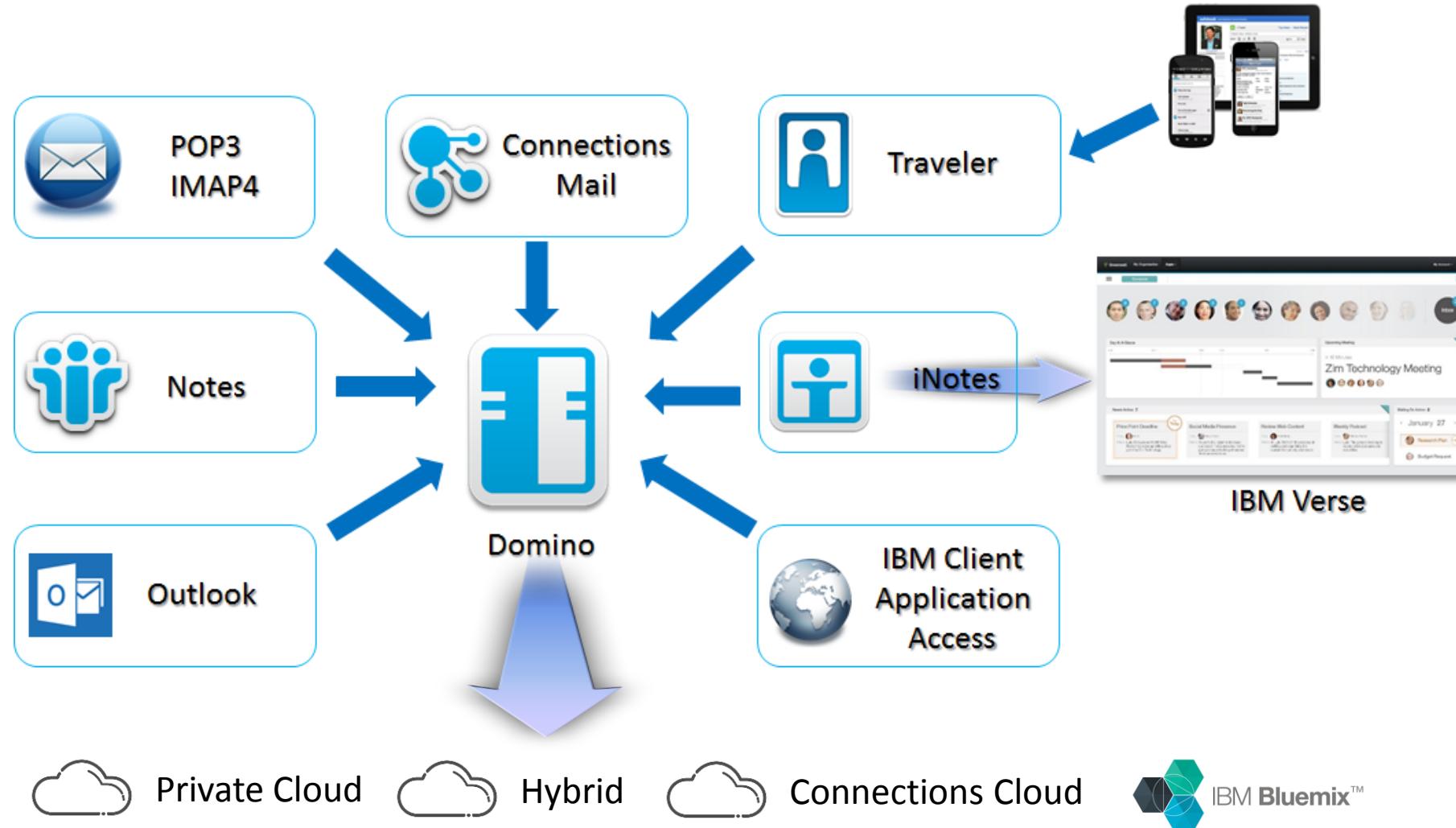
Direct Registration Softphone



IBM Notes Domino & Verse Update

Roadmap / App Dev / Modernisierung

Dieses Bild sollten Sie kennen...!



Mehrwert durch Integration...in allen Clients

Verse
iNotes

Connections



Mobil



Notes



Outlook

Watson
Workspace

ICAA



Private Cloud



Hybrid



Connections Cloud



IBM Bluemix™

Kontinuierliche Verbesserungen durch Feature Packs

- Feature Packs ersetzen Fixpacks und major releases
 - Bug Fixes, Security Fixes und **Updates / neue Funktionen** für bisherige Plattformen
- Kürzere Releasezyklen
 - Aktuell: Feature Pack 8
 - Interim Fixes <http://www-01.ibm.com/support/docview.wss?uid=swg21657963>

Release number	9.0.1 FP8
Est. release date	Q1 2017 Details
Description	Scheduled maintenance release, containing several bug fixes and some new features.
Status	Stage 5: Web Posting
Download availability	Notes/Domino updates

Notes 901 FP7

- Authentication and port encryption enhancements for NRPC
- Support for TNEF based calendar invitations in Notes/Domino addressing parsing issues
- Support for Citrix XenApp 7.7

Plattform Support und Template Updates

■ Plattformen

- IBM Domino 32bit Server auf AIX und Linux erhalten keine Updates und Funktionserweiterungen, Wechsel auf Domino 64bit empfohlen.
- Der Notes Client für Linux wird weiterhin unterstützt, erhält aber keine neuen Funktionen und Feature Packs.
- Microsoft Windows Server 2016 wird ab Feature Pack 8 unterstützt.
- Windows und Red Hat Enterprise Linux als Plattformen für **neue Komponenten**
- Zukünftige Feature Packs werden abgestimmt mit Updates für IBM Notes auf MacOS und IBM Verse On-Premises.

■ Templates

- Aktualisierte Templates werden nicht in Feature Packes sondern als **separate Downloads** auf Fix Central bereitgestellt, abgestimmt auf Änderungen und Fixes in den Feature Packs
- Eine zip Datei für Englisch, weitere zip Dateien für andere Sprachen

IBM Notes/Domino 9.0.1 Feature Pack 8

Release Notice

Beginning with 9.0.1 FP8, fix packs have been renamed to feature packs. To ensure quality, these feature packs still have a high focus on addressing high impacting defects. **Where possible, these features are optional enabled to minimize risk.** The same packaging, architecture and install kits used in previous fix packs remain in use for feature packs.

All Feature Packs are language independent and may be applied on any language version of Notes/Domino 9.0.1.

Notes/Domino 9.0.1 Feature Pack 8 includes new features that benefit our customers. Some of these features have been in development for years and we are excited to make them available. Please refer to the "New Features" section below for more details.

9.0.1 Feature Pack 8 includes all of the content and supersedes the following deliverables:

- Notes: 9.0.1 FP7, 9.0.1 FP7IF1, 9.0.1 FP7IF2
- Domino: 9.0.1 FP7, 9.0.1 FP7IF1, 9.0.1 FP7IF2
- iNotes 9.0.1 FP7, 9.0.1 FP7IF1, 9.0.1 FP7IF2, 9.0.1 FP7IF3

Decision to upgrade

Customers are urged to upgrade to the latest Release and Feature Packs (in this case, 901FP8) to benefit from later features and fixes made to the product. By providing a number of features and fixes, customers are able to accept fewer code changes with lower risk, allowing them to "patch" an older Maintenance Release.

Feature Packs provide important fixes and **IBM strongly recommends applying the latest Feature Pack** available for a Maintenance Release to receive the broadest set of fixes available.

➤ <http://www-10.lotus.com/ldd/fixlist.nsf/8d1c0550e6242b69852570c900549a74/26aa7417bb60f7df852580b40072af2d?OpenDocument>

Wichtig zu wissen

- Am 30.09.2018 endet der Support für Notes/Domino 8.5.x

➤ <https://www-01.ibm.com/software/support/collaboration/lifecycle/Support>

For IBM Notes/Domino 9.0, we have announced that **product support will be extended through at least 2021**, and extended support through at least 2024. **There is no end of life planned for Notes and Domino, and we will continue to update the timeline for support as appropriate based on future releases and market requirements.**

➤ <https://www.ibm.com/blogs/social-business/2016/09/12/ibm-notes-domino-v9-extends-support/>
➤ <http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=877&letternum=ENUSZP16-0474>

- Download von Updates und Fixes erfordert **aktive Softwarewartung** und eine an die IBM Kundensummer gekoppelte IBM ID

➤ <http://www-01.ibm.com/support/docview.wss?uid=swg21990043>

Umstieg auf Windows 10 geplant ?



- Windows 10 Support (ongoing)
- Verbesserte Unterstützung für hohe Auflösungen (inkl. 4k)
- Support für Touch Screen in Mail / Calendar / Contacts view (geplant für FP 10)
- Microsoft Edge Support

Softwarewartung für Notes / Domino nicht vergessen !



Notes für Windows Feature Pack Themen

Notes Feature Pack 8

- Java 8 runtime upgrade
- Show Internet addresses instead of Notes addresses in Mail / Calendar / Contacts and ToDo's
- Improvements in rendering forwarded MIME messages (read-only)
- Mail template update
- Policy support for Group By Date and beginning of message

Q1 2017

Notes Feature Pack 9

- Upgrade OSGi / Eclipse / SWT to support Java 8 compile time
- Run rules on existing emails
- Support for persistent VDIs for Roaming and SAML configurations
- Support for Last Name / First Name mail addressing in Notes Client providing consistent results
- Support auto refresh for delegated mail files

2H 2017

High Priority

- Upgrade Embedded Sametime
- Support for STARTTLS protocol in Notes client
- Support for incremental overlay in federated calendars for ICS files
- Delegate Calendar and ToDo's option without delegating Contacts
- Increase limit for junk mail in Notes client
- Archiving with editor access for delegates
- Support for folder design upgrades for large number of folders
- Forward invitation as an invitation



Domino / App Dev Feature Pack Themen

Domino Feature Pack 8

- Java 1.8 runtime upgrade
- ExtLib upgrade from OpenNTF
- Store database view indexes outside of NSF
- Document en-/decryption for Web
- Backend LotusScript / JavaScript / Java access to ID vault
- Increase document summary limit from 64k to 16MB
- Domino Designer source control extension point for Swiper integration
- Pubnames template update
- Support ADFS 3.0
- New @ModifiedInThisFile , @AddedToThisFile

Q1 2017

Domino Feature Pack 9

- Upgrade Domino Designer to Eclipse 4.x
- Upgrade to Java 1.8 (Designer compile time)
- Upgrade OSGi on Domino Server
- NIF concurrency enhancements & in-line view update
- Domino policy to restrict mail from forwarding to an internet forwarding address
- Support RFC 2231 (the current standard for specifying non-ASCII headers, now default for many mail clients)

2H 2017

High Priority

- Performance and Scalability improvements for IBM Verse On Premises

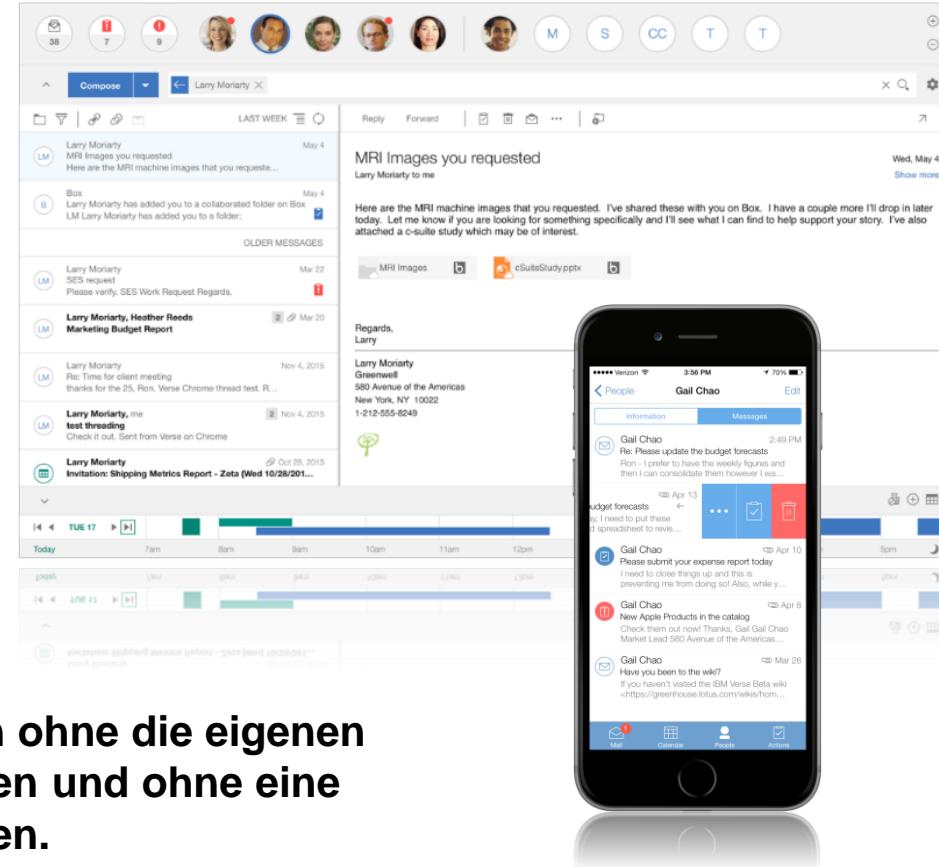


IBM Verse On-Premises

Cloud & mobile first...aber nicht “cloud only”

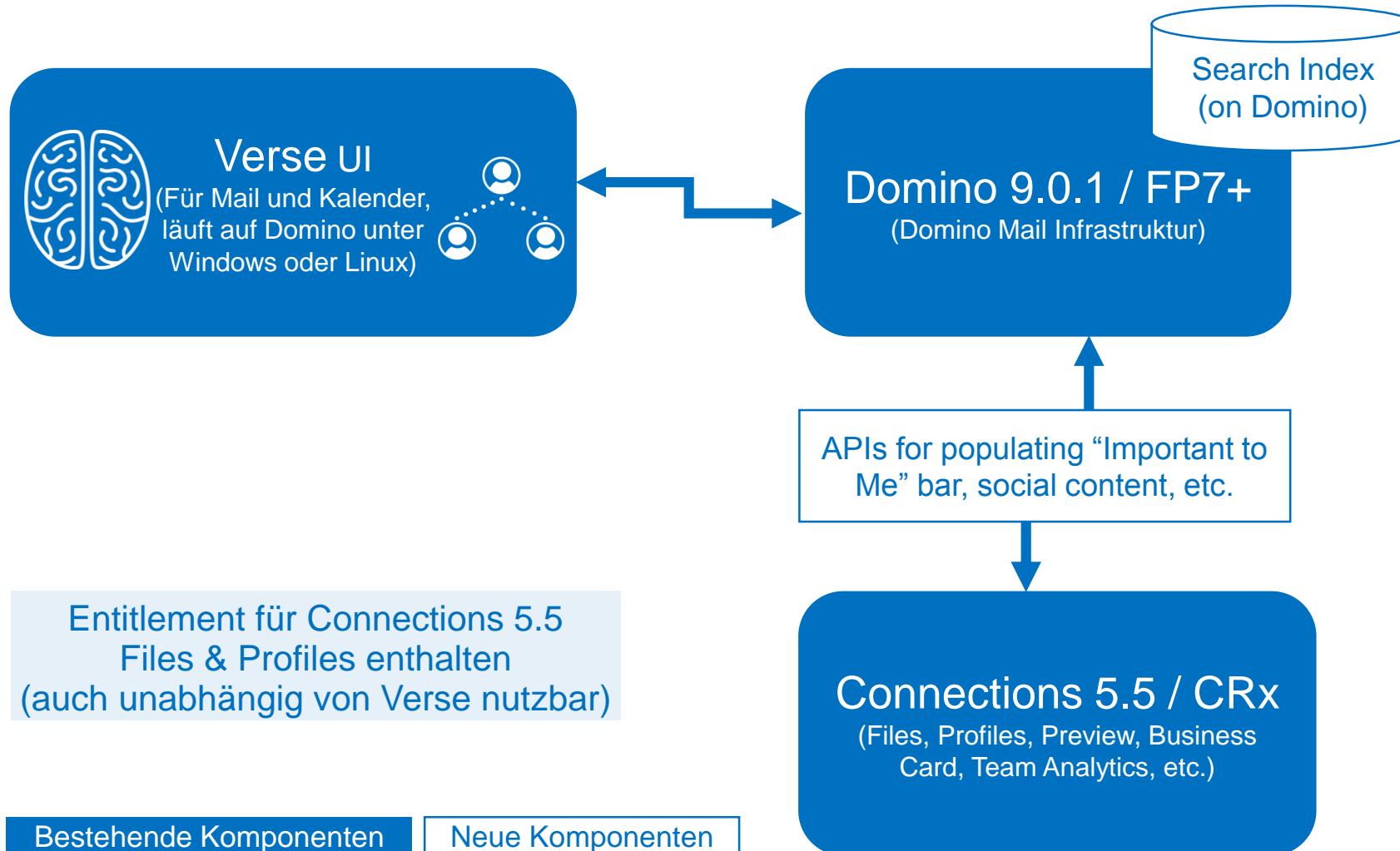
- **Mehrwert und Investitionsschutz:**
IBM Domino Kunden können IBM Verse jetzt auch On-Premises betreiben.
- Verse On-Premises bietet dieselbe User Experience wie Verse On-cloud.
- Verse On-Premises beinhaltet Komponenten für die facettierte Suche und den API-basierten Zugriff auf Connections.

➤ **IBM Verse testen oder produktiv nutzen ohne die eigenen Mailfiles in die IBM Cloud zu verschieben und ohne eine Hybrid Infrastruktur aufbauen zu müssen.**

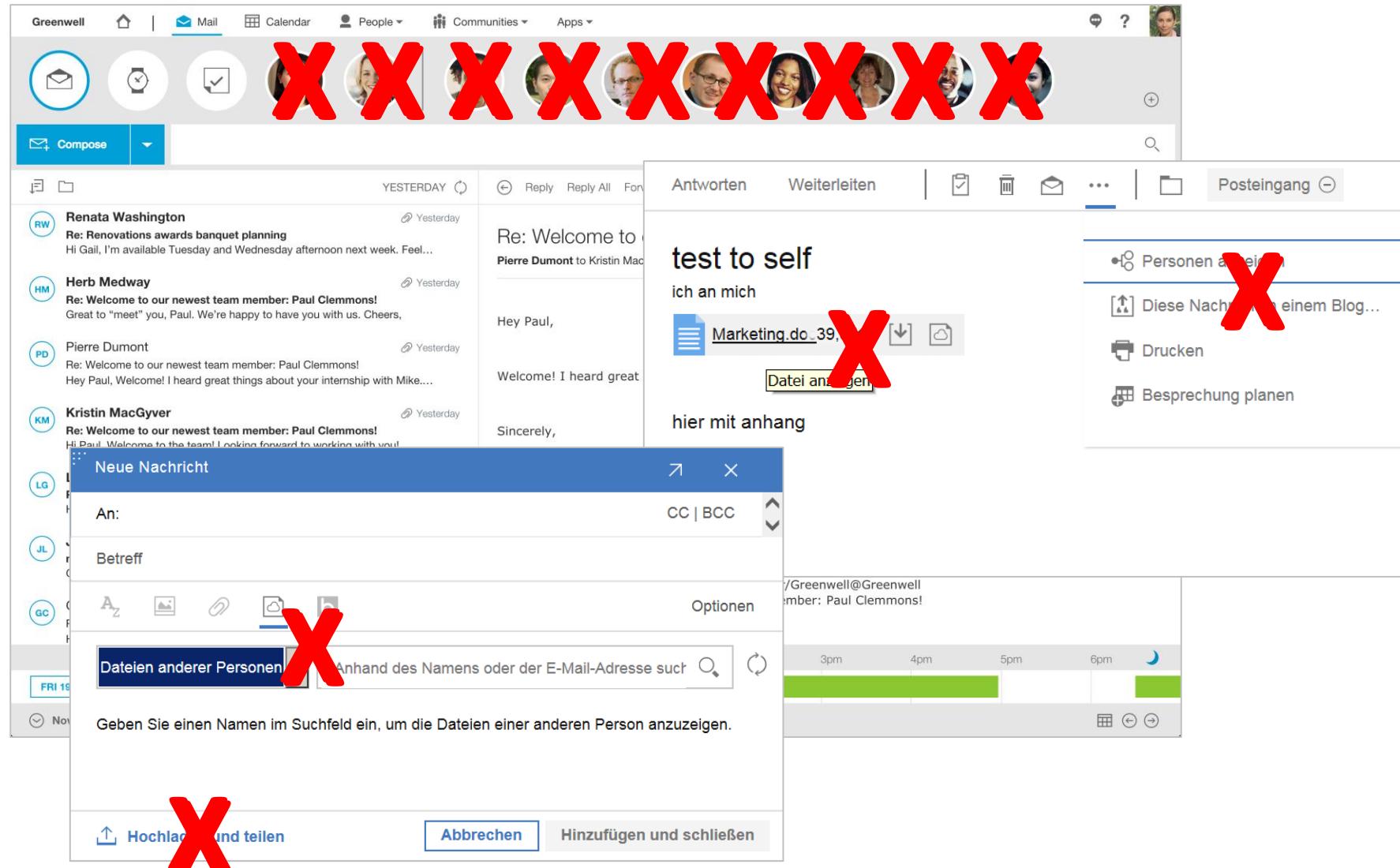




IBM Verse On-Premises High-Level Architektur



Verse ohne IBM Connections macht wenig Sinn...





IBM Verse On-Premises – Plattformen und Lizenzen

Domino Server 9.0.1 FP7+ auf:

- Red Hat Enterprise Linux (RHEL) Server 6 oder 7
- Windows Server 2008 R2 Standard oder Enterprise
- Windows Server 2012 / 2012 R2 Standard Edition
- Windows Server 2012 / 2012 R2 Datacenter Edition

Browser:

- Google Chrome, aktuelles Release (keine Beta)
- Mozilla Firefox ESR, aktuelles Release (keine Beta)
- Apple Safari 8, 9
- Microsoft Internet Explorer 11
- Microsoft Edge

Download der Software wie üblich über Passport Advantage

IBM Verse On-Premises 1.0 (Partnumber CJ13YML or CNGD8ML)

IBM Verse On-Premises 1.0.0.1 (Partnumber CNH56ML)

Voraussetzung: Aktive N/D Softwarewartung für...

- ✓ CEO or IBM Domino Messaging / Enterprise CAL+PVU
- ✓ IBM Domino Messaging / Collaboration Express
- ✓ All Dual Entitlement (DE) Licences

Entitlement für IBM Connections Files & Profiles kann genutzt werden



IBM Verse On-Premises – weitere Vorteile

- Einfache, intuitive Benutzeroberfläche => geringere Kosten für Schulung der Anwender
- Sichere Offlinenutzung im Browser ohne Zusatzsoftware
- Optional: Desktop Clients wie Notes oder Outlook für Email nicht mehr erforderlich
- Investitionsschutz für vorhandene Domino Infrastruktur
 - Zugriff auf Notes Anwendungen von Verse über ICAA oder IBM Notes Client
- Verteilte Domino Server als effiziente Alternative zur Cloud in Umgebungen mit niedriger Bandbreite und hohen Netzwerk-Latenzen
- Verse On-Premises (VOP) erhält regelmäßig Feature Updates von Verse On-Cloud.
 - Neuer Verse Kalender
 - Actions in Compose message menu, extending business card, actions while reading mail
 - Zukünftige Optionen für Integration und Erweiterbarkeit
- Leichter Umstieg für Endanwender in die IBM Connections Cloud

IBM Verse – zukünftige Themen



Midterm 2017

Longterm 2017

Verse	<ul style="list-style-type: none">• Suggested recipients• Cognitive Organizer – eliminates clutter automatically, intelligently brings inbox to manageable size • Type-ahead improvements (directory searching)• Extension point to add custom actions between send and delivery• Extension point to add custom name picker for addressing mail• Delegated calendar access• Delegated mail access• Multi-lingual search• Mail quota indicator• Verse intercept survey and NPS• macOS Sierra and Safari 10 support• Mail onboarding manager improvements (O365 and catch-up replication)	<ul style="list-style-type: none">• Promoted statement and messages, including action support – system identifies key actions from emails and helps users complete them; partners can configure the system to identify actions from 3rd party solutions.• Improvements in extensibility through APIs• Improvements in rich text editing• Enabling infrastructure to support shared mailboxes• Improvements to calendar such as overlays and .ICS file support• Single, consolidated Verse settings environment• Antivirus / antispam improvements
Verse Mobile	<ul style="list-style-type: none">• iOS - Sync all mail and calendar navigation updates• iOS - Improved app responsiveness and background sync• Certificate-based authentication• Ability to support multiple accounts• Android - message threading	<ul style="list-style-type: none">• Suggested recipients• Cognitive Organizer• Calendar enhancements including Freetime Search, Attachment, Alarms (iOS), Private (iOS)• Remove from Inbox• Action Center Integration

Cognitive shown in white

Cognitive Systeme...

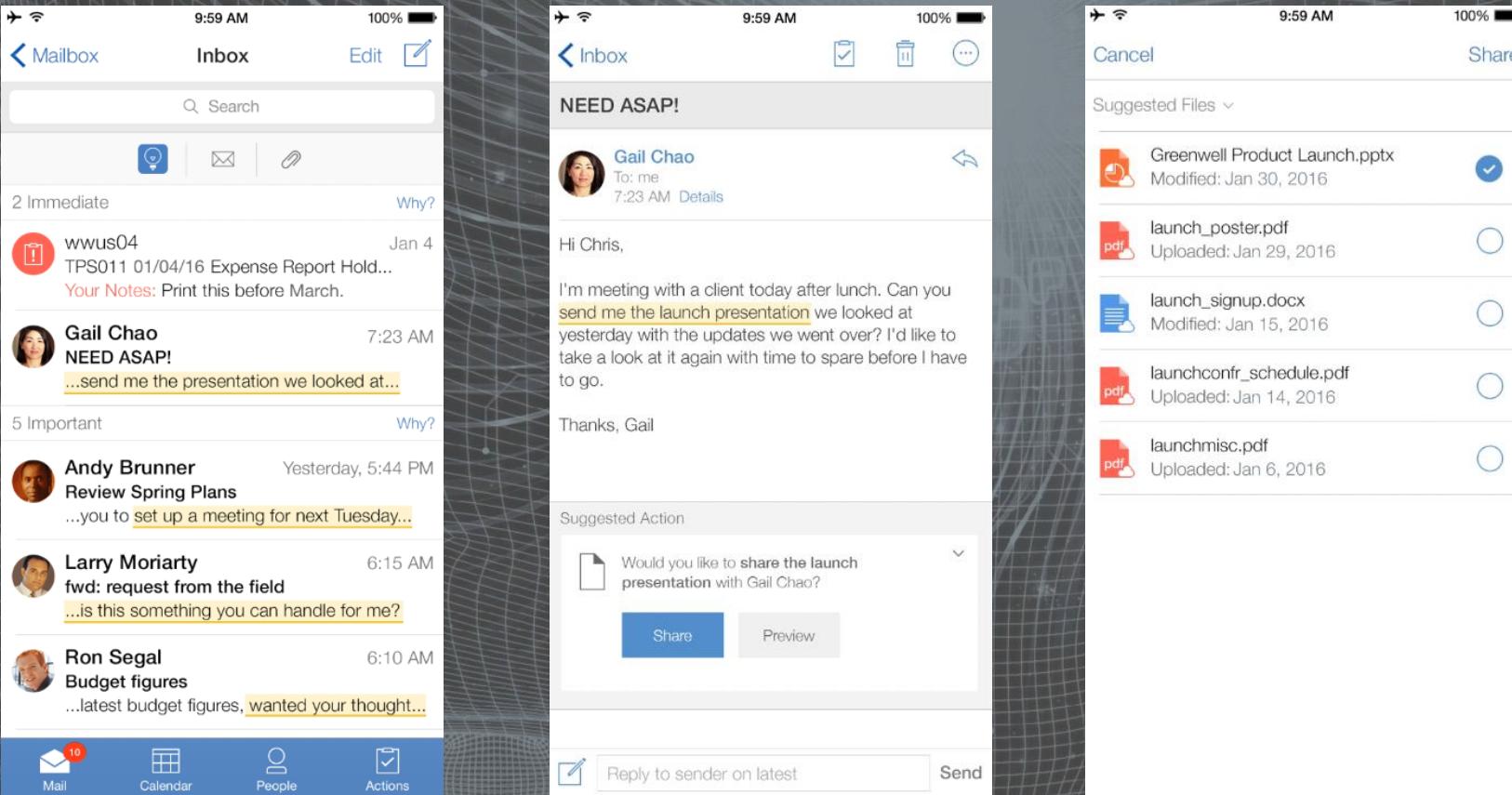
Understand
Reason
Learn
Interact

Adapt and make sense
of all data,
“read” text, “see”
images and “hear”
natural speech with
context

Interpret information,
organize it and offer
explanations of what it
means, with rationale
for the conclusions

Accumulate data and
derive insight at every
interaction perpetually

Was ist jetzt wichtig...und warum?



Teil 2 - Anwendungen



Abhängig von den spezifischen Anforderungen kann eine Notes Anwendung auch heute und in Zukunft noch die beste Lösung für den Kunden darstellen.



- **Offline Nutzung, Zugriffssteuerung, Sicherheit, Verschlüsselung**
- **Investitionsschutz und langfristige Nutzbarkeit**
- Alle Möglichkeiten der klassischen Notes Anwendungsprogrammierung bleiben auch zukünftig bestehen.

IBM propagiert die Entwicklung von **Web Anwendungen** mit Domino XPages

- Basiert auf **offenen Standards** (Java Server Faces, OSGi)
- Integriert **aktuelle Webtechnologien** (Dojo, Bootstrap, REST APIs)
- **Erweiterbar** durch IBM, Kunden und Partner (open source, OpenNTF, GitHub)
- Ermöglicht die Nutzung von Funktionen aus **IBM Connections** oder **IBM Connections Cloud** sowie die **Integration von IBM Watson Services**
- **XPages for Bluemix** als Laufzeitumgebung für Neuentwicklungen in der Cloud (PaaS)

Aus der Rubrik “Lessons learned...“ 😊

Ivan wrote

on Wednesday 11 May, 2016 at 20:06:38 UTC

I miss Domino and Notes client so much! After 12 years running numerous business applications in Notes I am trying to deploy similar business apps on Drupal and other MS platforms and it is incredible pain in the ass!!! What took hours in Domino takes days and weeks in php/Drupal.

Quelle: <http://www.ilovelotusnotes.net>



[Alan Lepofsky](#)  @alanlepo · 21. Feb.

Lotus Notes and Domino were so ahead of their time. RAD apps.
Security. Replication. Offline. **#ibmconnect #ls17 #socbiz #futureofwork**

Quelle: Alan Lepofsky on Twitter, 21. Februar 2017

Modernisierung von Notes / Domino Anwendungen





ApplicationInsights



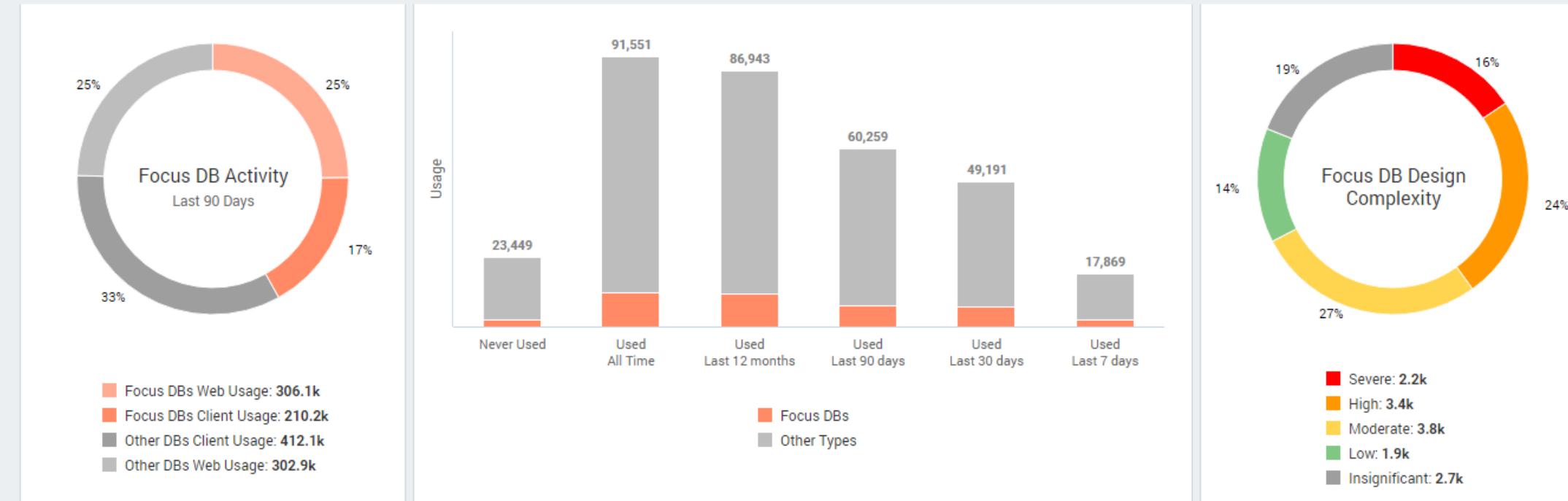
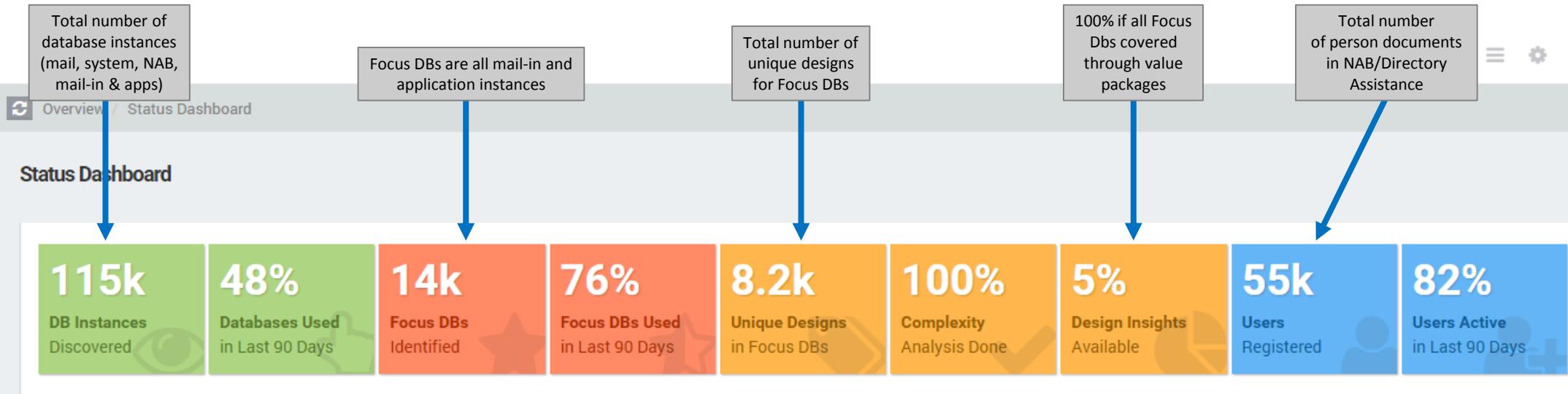
Wo stehen **Sie** heute?

- Stellt die tatsächliche Nutzung von IBM Domino Anwendungen dar
- Bietet Einblick in Design Komplexität, Informationen zu Code-Fundstellen, ähnlichen und deckungsgleichen Designs, sowie Schablonen-Kandidaten
- Zeigt Optimierungsmöglichkeiten bei Konfiguration, Betrieb und Kosten auf
- Unterstützt bei der effektiven Modernisierung und den damit zusammenhängenden Entscheidungsprozessen
- Betrieb als Appliance in der Infrastruktur des Kunden
- Aufbereitung und Darstellung in leicht verständlichen Dashboards

ApplicationInsights Entitlement Edition (geplant für 2Q2017):

- Macht die 50 meist genutzten sowie die 50 komplexesten Datenbankinstanzen sichtbar
- Liefert umfassende Einblicke in Security, Deployment-Integrität und Lastverteilung
- Kostenlos für alle IBM Domino Kunden mit aktiver Software Wartung (S&S)
- Erweiterungen als IBM Software Lizenz verfügbar

➤ <https://www.panagenda.com/2017/03/erste-informationen-zu-panagenda-applicationinsights/?lang=de>

OVERVIEW
[Status Dashboard](#)
[Environment Overview](#)
CATALOG
[Inventory History](#)
[Capacity Summary](#)
[Application List](#)
USAGE
[Web vs. Client Usage](#)
[Notes Client Usage](#)
[Web Browser Usage](#)
[User Access Methods](#)
DESIGN
[Complexity](#)
[Similarity](#)
[Insights](#)


Filtering of Focus databases

Different column sets

Complexity rating

Application List

Filter

Title	Replica ID	Application	Last Access	Users Active	Replicas	R Inactive	Docs Avg	Size Avg	Complexity
Title	Replica ID	Database Type	Last Access	Users Active	Replicas	R Inactive	Docs Avg	Size Avg	Complexity
CRM Workflows	85257E4B:003E8ECF	Application	2016-07-19	1441	12	2	8982	168MB	Severe
Process Management	C12572F2:00504865	Application	2016-11-29	1328	3	0	3098	746.3MB	Severe
Idea Exchange	4125793D:0042F261	Application	2016-06-20	1631	25	8	14132	1.1GB	Severe
Weather Predictions	85257A5B:004D5453	Application	2016-07-19	2836	7	3	921	622MB	Severe
Abi PL	8525805F:002C2966	Application	2016-11-04	24	13	0	181	129.5MB	Severe
General Discussion	C12572DA:00772C94	Application	2016-08-31	1815	6	0	6103	421MB	Severe
BuVge	C1257458:00421A38	Application	2015-06-24	2139	1	0	23540	2.4GB	Severe
Procurement Web Portal	07257909:00702B64	Application	2016-11-27	337	8	2	4843	3.8GB	Severe
Support Portal Workflow	07257909:006F8C9B	Application	2016-11-27	19	8	3	2934	64.2MB	Severe
Expert Directory	0425790B:0052119A	Application	2016-11-27	439	9	4	890	993.3MB	Severe
N2W Central (4.50)	80257998:0001328B	Application	2016-08-31	823	18	6	1039	8.3GB	Severe
Conference Journal 2012 V1	85257926:00567C05	Application	2016-11-27	2350	7	5	3381	711.5MB	High
Delivery Session Tracking	C125734A:002E1639	Application	2016-11-29	932	26	1	9830	4.2GB	High
Amber Mate Java	C125732F:004DF452	Application	2016-11-29	5	1	0	2	164.1MB	High

Hardcoded Servernames (2 Findings in 6 Affected Design Elements)

Assigned To Variable (1 Finding in 4 Affected Design Elements)

Assigned To Variable (1 Finding in 2 Affected Design Elements)

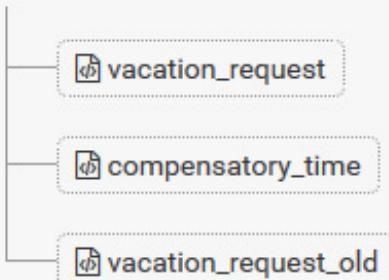
Mail Dependencies (4 Findings in 16 Affected Design Elements)

Simple Mail Send (1 Finding in 4 Affected Design Elements)

Encrypted Mail (3 Findings in 12 Affected Design Elements)

</> Unique Code Block #DBC6 – Found in 302 other applications –

Show code...



</> Unique Code Block #56BA – Found in 2 other applications –

```

Option Public
%INCLUDE "lsconst.lss"
Dim ws As NotesUIWorkspace

Dim session As NotesSession
Dim db As NotesDatabase
Dim note As NotesDocument
Dim mailnote As NotesDocument
Dim collection As NotesDocumentCollection
Dim profile As NotesDocument

Dim SendToNames() As String
Dim counter As Integer
Dim flag As Variant
Sub Initialize
  'declare local variables
  Dim x As Integer

  'instantiate objects
  InstantiateVariables

  If Not collection Is Nothing Then
    If (collection.Count = 0) Then
      Messagebox "No documents were selected.", 64, "Alert"
      Exit Sub
    End If
    Else
      Exit Sub
    End If

    Redim SendToNames(collection.Count-1)

    'for each document in the collection, get the mail address
    'we use the GetNth method since the resulting collection is an IDTable
    For x = 1 To collection.Count
      Collection.GetNthDocument(x)
    End For
  End If
End Sub
  
```

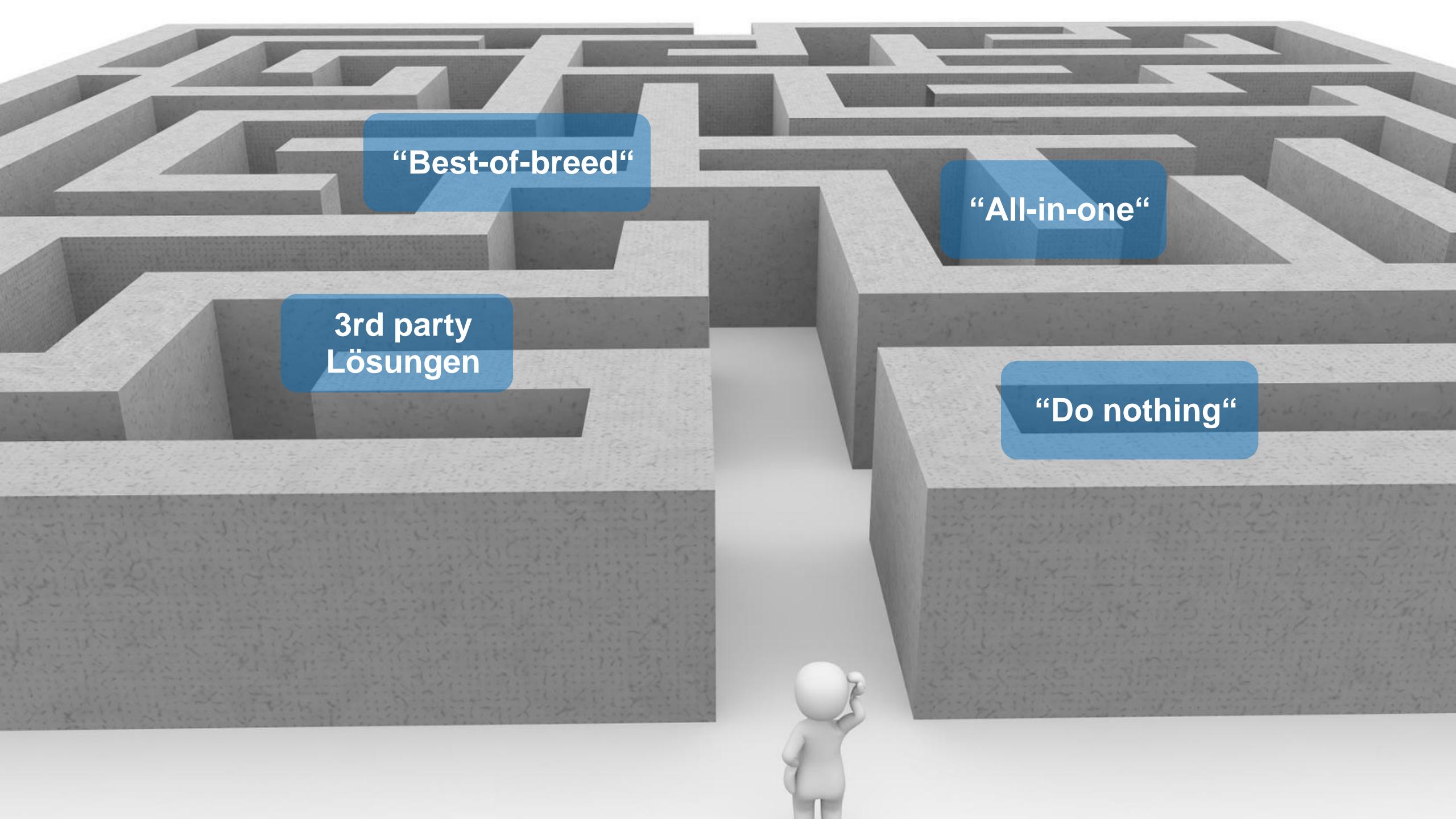
Was möchten **Sie** erreichen?



- Modernere Benutzeroberflächen anbieten?
- Akzeptanz erhöhen?
- Reichweite vergrößern / neue Benutzergruppen?
- Ausgewählte Anwendungen oder Funktionen auf Mobilgeräten nutzen?
- Betriebs- und Supportkosten senken?
- Einfacheres und schnelleres Deployment?
- Integration mit oder in andere Anwendungen?
- Desktopanwendungen durch Browseranwendungen ersetzen?
- ...

“Establish purpose before action”







All-in-one oder “All you need is Domino”

IBM Domino beinhaltet alle benötigten Komponenten für die Entwicklung und Modernisierung von Anwendungen und wird ständig weiterentwickelt.

- Java 1.8 runtime upgrade
- ExtLib upgrade from OpenNTF
- Document en-/decryption for Web
- Backend LotusScript / JavaScript / Java access to ID vault
- New @ModifiedInThisFile , @AddedToThisFile
- Store database view indexes outside of NSF
- ...

Q1 2017 Feature Pack 8

- Upgrade to Eclipse 4.x in Domino Designer
- Upgrade to Java 1.8 (Designer compile time)
- Upgrade OSGi on Domino Server
- NIF concurrency enhancements & in-line view update
- ...

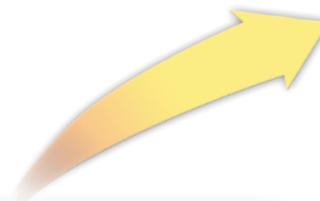
2H 2017 Feature Pack 9

- Neue Funktionen und Updates von IBM und OpenNTF
- ...

... Feature Packs xx

Replication
Security
Integration
Clustering
Collaborative
Workflow
Open
Mobile
Calendar
Offline
AppDev
Customization
Encryption
Social

Not in roadmap ;-)





“I think the conversational style of applications will beat all other for many cases of human interaction. That's why we created the business objects chat inside our XPages app.”

Bernd Gewehr, Ingenieurbüro Vössing



“Das Netzwerk der Geschäftsobjekte”



- Entwicklung eines Objektmodells zur logischen Verknüpfung aller relevanten Geschäftsobjekte (Mitarbeiter, Kunden, Projekte, Aufträge, Referenzen, usw.).
- Entwicklung einer **IBM Domino XPages Anwendung**, die die Geschäftsdaten aus allen core-Systemen zusammenträgt und an zentraler Stelle anbietet.
 - Zugriff über Domino berücksichtigt die persönlichen Berechtigungen in den Backend Systemen.
- 80% aller Geschäftstransaktionen sollen direkt aus dieser integrierten Anwendung erfolgen, um den **Zeitaufwand der Beteiligung an digitalen Geschäftsprozessen** für alle Mitarbeitenden zu **minimieren** und den **Lernaufwand massiv** zu **senken**.
- Integration mit IBM Connections
 - Events der Geschäftsobjekte generieren automatisch Einträge im Connections Activity Stream
 - Embedded Experience Integration
 - Integration der Domino Anwendung in Projekt und OrgUnit Communities
 - Integration der Domino Anwendung in die IBM Connections mobile app



Bedarf

Suchen



BM 8263 vom 18.01.2017

06 bestellt

IBV / IBV Düsseldorf

18.01.2017

Angenehmeres und schnelleres Arbeiten durch parallel geöffnete Fenster und Dateien, in denen gleichzeitig gearbeitet werden muss.

[öffnen](#)[mit Webformular öffnen](#)

Bestellpositionen

1x Monitor 24 Zoll Lenovo LT2424p ohne VOIP
185,00 EUR

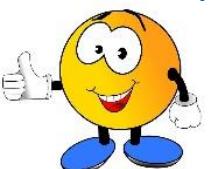
1x Garantieerweiterung auf 48 Monate für alle Monitore
12,95 EUR

Total **197,95 EUR**

Invest

197,95 €

Total



IBM Domino XPages Anwendungen
integriert in IBM Connections Cloud

[aktuell](#)[Inventar](#)[Kommentar 2](#)

Ergebnis: 4

Kommentar eingeben...



Die Bedarfsmeldung 8263 von Frank (IBV / IBV Düsseldorf) wurde von Bernd Gewehr unterzeichnet und hat nun den Status "05 genehmigt".
vor 1 Woche

Bedarf



Workflowmeldungen und
Kommentare als Chatverlauf



Annette hat Bedarf BM 8263 vom 18.01.2017 kommentiert.

@Bernd_Gewehr erledigt

vor 1 Woche

Bedarf



Die Bedarfsmeldung 0 von Frank (IBV / IBV Düsseldorf) wurde von Frank unterzeichnet und hat nun den Status "01 Vorlage IT".

vor 1 Woche

Bedarf

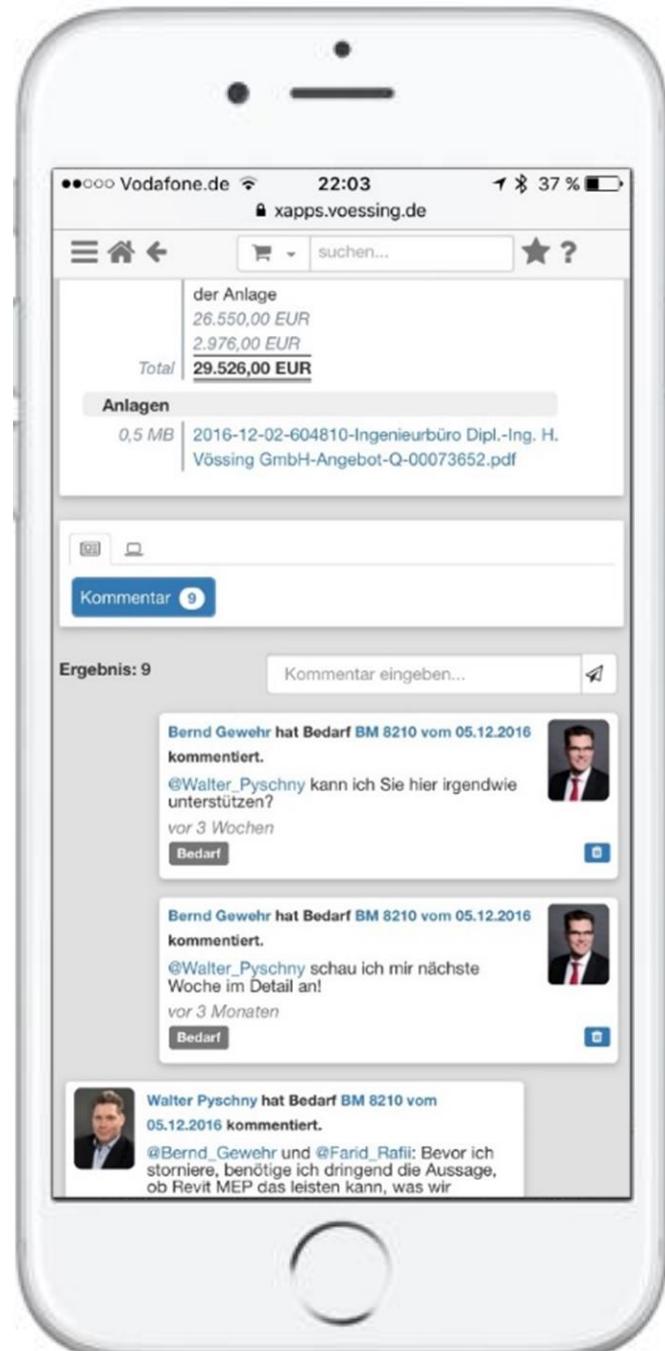


Bernd Gewehr hat Bedarf BM 8263 vom 18.01.2017 kommentiert.

@Annette bitte die Garantieverlängerung hinzufügen

vor 1 Woche

Bedarf



Portal SelfService Zurück zu... Homepage E-Mail Kalender Personen - Communities - Mehr - Verw. - ? -

suchen...

?

Bernd Gewehr
Leiter ZD IT
IBV / IBV-GF / Zentrale
Dienste\Informationstechnik
Rudolf Vienenkoetter

+49 211 93449-32
 +49 1520 9328236
 bernd.gewehr@voessing.de
 Brunnenstraße 11 EG

Gleitzeitkonto **29,5 h** Mehrarbeit **-8 h** Mehrarbeit **-6 h**
Feb. 2017 Mär. 2017 2017 bisher

Resturlaub **25,5 d**
2017

aktuell Person Qualifikation Organisation Referenz Partner Inventar

alle Erwähnung 38 Kommentar 180 Person 66 Referenz 51 Inventar 170 Gespräch 27

INGENIEURBÜRO VÖSSING



IBM Domino XPages Anwendungen
integriert in IBM Connections Cloud
auf Smartphone und Tablet





IBM Domino XPages nutzt IBM Watson Services



"Best-of-breed"

- Aufteilung Frontend / Backend
- Freie Wahl bei Entwicklungswerkzeugen, Deploymenttools, Frameworks, Runtimes
- Zugriff auf Domino Anwendungen im Backend (Daten & Logik) über APIs



- HTML and CSS
- jQuery (Javascript)
- Choice of framework
 - Bootstrap
 - jQuery UI / jQuery Mobile
 - and many more...
- Process Ajax from browser
- Generate and return JSON
 - LotusScript agents
 - XPages agents (SSJS)
 - ?ReadViewEntries
 - XPages Rest controls (ExtLib)
 - Custom servlets
 - Domino Access Services
 - SmartNSF
 - ...

- <https://ibm.ent.box.com/v/Connect2017Presentations/file/143268853897>
- <http://blog.texasswede.com/my-mwlug-presentation-2/>



IBM Domino Data Service (DDS)

- REST API zum Zugriff auf Domino Datenbanken
 - Lesen und Schreiben (geschützt durch ACL)
 - Ansichten und Dokumente
 - JSON Format
 - Standard Protokolle (http/https)
- Erlaubt den Zugriff auf Domino von **native** Mobile apps, FEB, u.v.m.

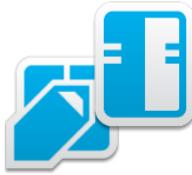


“Going from XPages mobile to native mobile applications”

➤ <http://de.slideshare.net/MarkRoden/ibm-worklight-going-from-xpages-mobile-to-native-mobile-applications>

“IBM Worklight for IBM Domino Developers”

➤ <http://de.slideshare.net/MatNewman/ibm-connect-2014-ad-501-ibm-worklight-for-ibm-domino-developers>



REST Services in IBM Domino

Service	Description	Ships with Domino	Available on OpenNTF
Mail service	Manage email content		✗
Calendar service	Manage calendar content & send calendar workflow	✗	✗
Freebusy service	View user availability, find available rooms		✗
Data service	Manage views, document data, etc	✗	✗

- Die bestehenden REST Services werden überarbeitet und erweitert.
- Für die Zukunft sind weitere REST Services geplant:
 - Directory service: Browse or search directory
 - Contacts service: Manage personal contacts in your mailfile
 - Mail Search service: Search your mailfile
 - Subscription service: Poll for changes or register for push (long poll) in an application
 - Management service: Register users and manage groups

- <https://speakerdeck.com/sbasegmez/ibm-connect-2017-your-data-in-the-major-leagues-a-practical-guide-to-rest-services>
- <https://www.ibm.com/developerworks/community/files/app/folder/4169e144-eb58-4871-bbe8-b61ff286ff07>



Definition der REST Services über OpenAPI Specification

busystime : Get busy time

freerooms : Get a list of available rooms

Implementation Notes

Gets a list of available rooms for a given time.

Response Class (Status 200)

Successful response

Model Example Value

```
{
  "rooms": [
    {
      "displayName": "string",
      "distinguishedName": "string",
      "email": "string",
      "capacity": 0
    }
  ]
}
```

Response Content Type

Parameters

Parameter	Value	Description
site	<input type="text" value=""/>	The site to search. If the site includes spaces or other special characters, it must be URL encoded.
start	<input type="text" value=""/>	The start date for the free rooms search.
end	<input type="text" value=""/>	The end date for the free rooms search.

Show/Hide | List Operations | Expand Oper

File ▾ Preferences ▾ Generate Server ▾

```

info:
  title: IBM Domino Freebusy API
  version: "9.0.1"
  description: |
    The freebusy API is used to:
    - Get busy time for a given person or room.
    - Get a list of available rooms for a given time.
    - Get a list of sites in a directory.

  # Tags
  tags:
    - name: busystime
      description: Get busy time
    - name: freerooms
      description: Get a list of available rooms
    - name: sites
      description: Get a list of sites

  # Paths
  paths:
    # Busy time resource
    /api/freebusy/busystime:
      # This is a HTTP operation
      get:
        tags:
          - "busystime"
        # Describe this verb here. Note: you can use markdown
        description: |
          Gets busy time for a given person or room.
      # This is array of GET operation parameters:
      parameters:
        # An example parameter that is in query and is required
        -
          name: name
          in: query
          description: Name or email address of the person (or room).
          required: true
          type: string
        -
          name: format

```



SmartNSF

“Turn your Notes/Domino Application into a microservice and expose embedded business logic via REST API within minutes.”

- Einfache Konfiguration, integriert in Domino Designer
- Entwickler definiert einen microservice für die Anwendung (domain-specific language)
- Verfügbar auf OpenNTF (wird zukünftig in ExtLibX integriert, Kandidat für FP9)

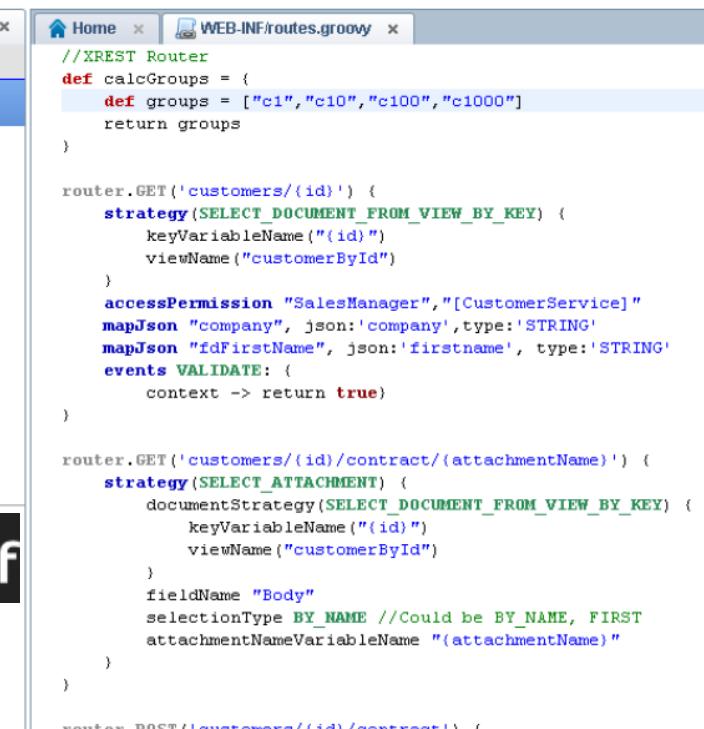
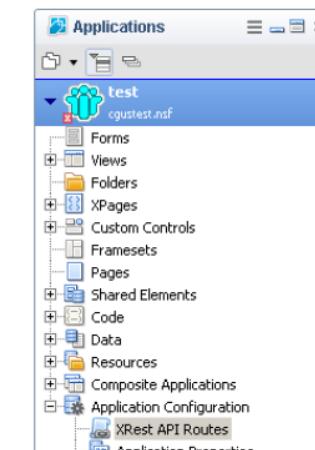
➤ <https://www.openntf.org/main.nsf/project.xsp?r=project/SmartNSF>

Wie geht's weiter?

- Auto-generate Swagger definitions for your application's APIs
- Dialog based generation of REST APIs for your applications



Vielen Dank an Christian Guedemann



```
//XREST Router
def calcGroups = {
    def groups = ["c1","c10","c100","c1000"]
    return groups
}

router.GET('customers/{id}') {
    strategy(SELECT_DOCUMENT_FROM_VIEW_BY_KEY) {
        keyVariableName("(id)")
        viewName("customerById")
    }
    accessPermission "SalesManager", "[CustomerService]"
    mapJson "company", json:'company', type:'STRING'
    mapJson "fdFirstName", json:'firstname', type:'STRING'
    events VALIDATE: {
        context -> return true
    }
}

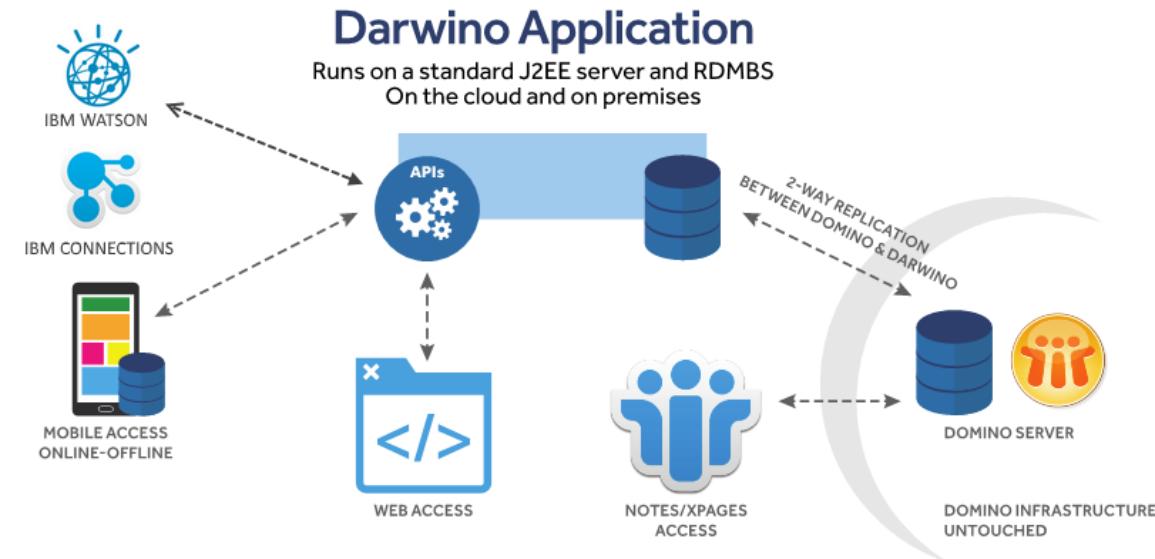
router.GET('customers/{id}/contract/{attachmentName}') {
    strategy(SELECT_ATTACHMENT) {
        documentStrategy(SELECT_DOCUMENT_FROM_VIEW_BY_KEY) {
            keyVariableName("(id)")
            viewName("customerById")
        }
        fieldName "Body"
        selectionType BY_NAME //Could be BY_NAME, FIRST
        attachmentNameVariableName "(attachmentName)"
    }
}

router.POST('customers/{id}/contract') {
```





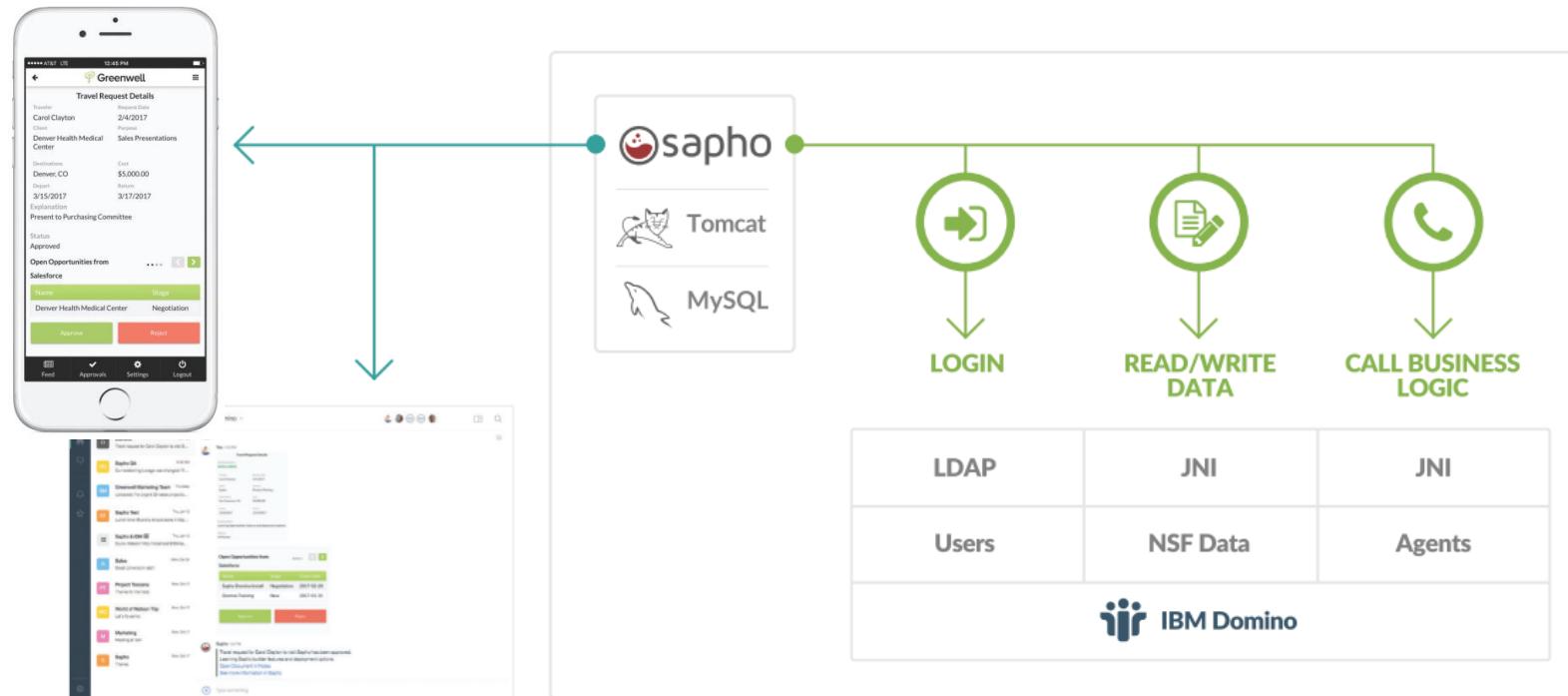
Build **mobile/web UI** with **offline** replication for Domino applications with **modern development tools of your choice**.



- Darwino DB is a NoSQL JSON store that runs on any RDBMS system and mobile devices with the same API, supports multipoint replication for offline use.
- Two-way replication with Domino maintaining security model and document centric functionality.
- Darwino Studio – The primary development environment for the Darwino platform, plugs into the standard **Enterprise Java tooling** like Eclipse and Maven.
- Darwino API – The Darwino Platform exposes its full API via libraries in Java, Javascript and also REST Services.



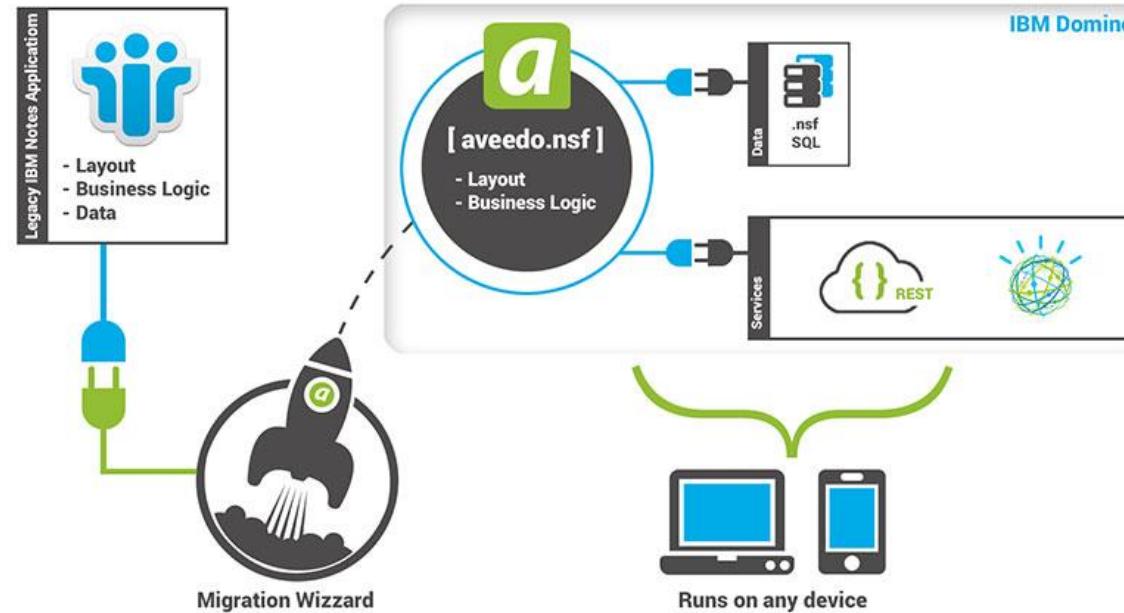
Create **micro apps** with Sapho builder that **notify key users** and **interface to key** Domino data on web/mobile devices.



- Create simple, single purpose micro apps and workflows
- Build daily dashboard with proactive alerts from multiple Domino apps
- Integrate other data sources into Domino workflows and applications
- Configure events out of Domino based on specific trigger alerts from 3rd party systems
- Targeted search and view pre-defined info in Domino DBs



Convert and extend your Domino apps for web & mobile access with aveedo Designer running on your Domino server.

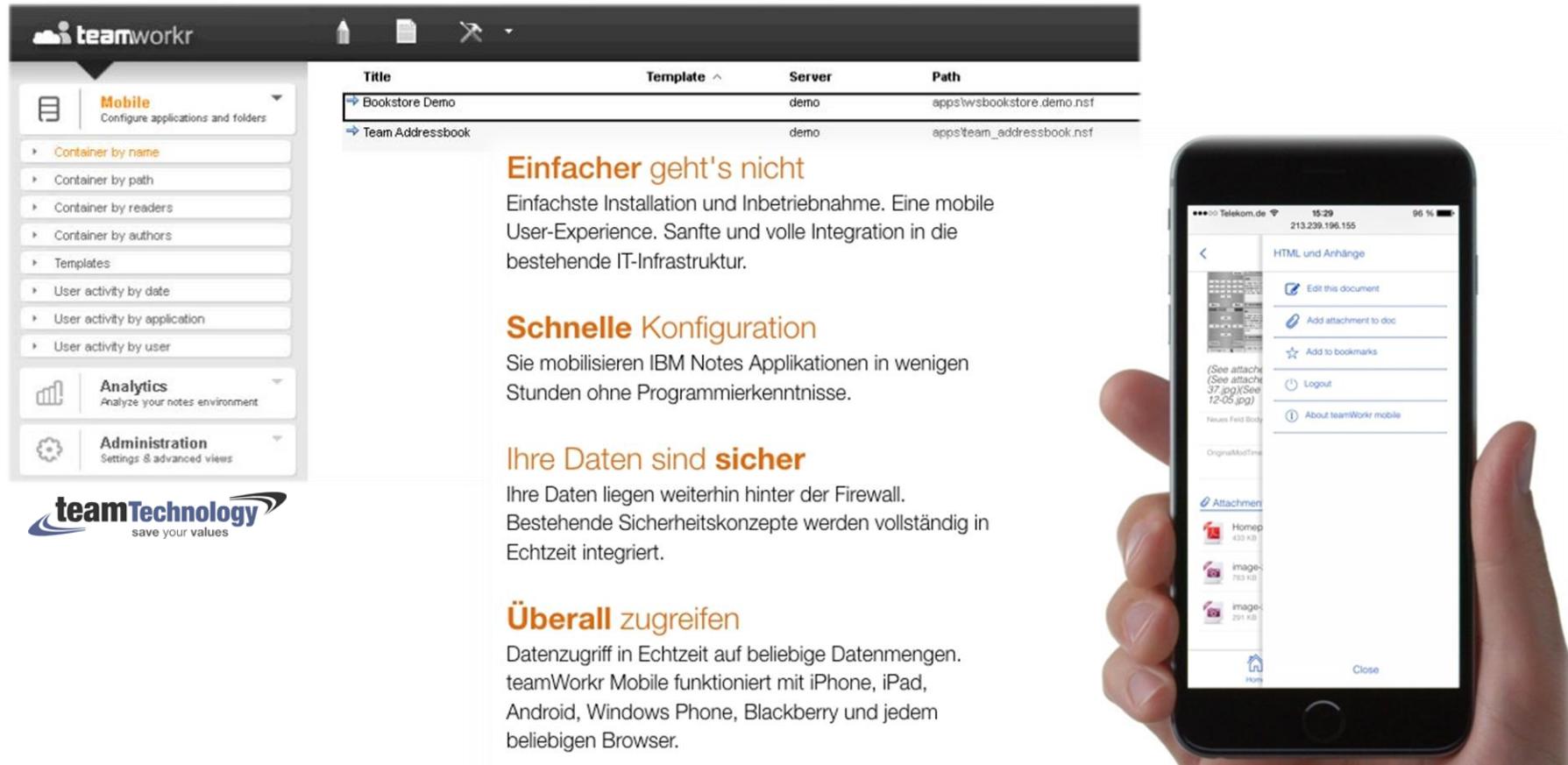


- Framework for easy creation of XPages Applications, **no deep programming knowledge required**
- Migration Wizard to modernize Notes applications
- Access via browser (responsive design) or native App with offline mode
- Integrated Process / Workflow Modeler
- Flexible API and REST services
- Pre-built apps and components like Agile Boards, Charting, and Office Integration included

teamWorkr Mobile

Mobilisieren Sie ganze Notes Applikationen mit **wenigen Klicks** und nutzen Sie **@Formeln** und **LotusScript** im Web.

- ✓ Läuft als Domino Anwendung direkt auf dem Domino Server
- ✓ Einfache Konfiguration in der Management Konsole (Notes Anwendung)
- ✓ Anpassung / Erweiterung durch LotusScript, HTML, JavaScript



The image shows a split-screen view. On the left, a screenshot of the 'teamWorkr' software interface is displayed. It features a dark header with the 'teamWorkr' logo and a navigation bar with tabs for 'Mobile', 'Analytics', and 'Administration'. The 'Mobile' tab is selected, showing a list of applications: 'Bookstore Demo' and 'Team Addressbook'. Below this, there are three sections with orange headings: 'Einfacher geht's nicht', 'Schnelle Konfiguration', and 'Ihre Daten sind sicher'. Each section contains a brief description. On the right, a hand is holding an iPhone displaying the 'teamWorkr mobile' application. The screen shows a list of attachments with file names and sizes, and a navigation bar at the bottom.

Einfacher geht's nicht
Einfachste Installation und Inbetriebnahme. Eine mobile User-Experience. Sanfte und volle Integration in die bestehende IT-Infrastruktur.

Schnelle Konfiguration
Sie mobilisieren IBM Notes Applikationen in wenigen Stunden ohne Programmierkenntnisse.

Ihre Daten sind sicher
Ihre Daten liegen weiterhin hinter der Firewall. Bestehende Sicherheitskonzepte werden vollständig in Echtzeit integriert.

Überall zugreifen
Datenzugriff in Echtzeit auf beliebige Datenmengen. teamWorkr Mobile funktioniert mit iPhone, iPad, Android, Windows Phone, Blackberry und jedem beliebigen Browser.

www.teamworkr.com

Modernisierung von Notes / Domino Anwendungen

“All-in-one“

- Entwicklung und Betrieb mit Domino Bordmitteln
- Domino Designer, XPages, OSGi, etc.
- **Keine zusätzlichen Kosten, zukunftssicher**

“Best-of-breed“

- Entwicklungstools, Frameworks, Runtimes nach Wahl
- Domino Server im Backend (Daten & Logik)
- **Maximale Flexibilität, leading-edge**

3rd party Lösungen

- Konfiguration und Scripting
- Keine komplexe Programmierung erforderlich
- **Komfortabel, schnelle Ergebnisse**



Modernisierung von Notes / Domino Anwendungen



- Wer soll die Anwendungen entwickeln und zukünftig pflegen?
- Welche Entwickler haben Sie? Welche Skills sind vorhanden?
- Wie schnell können Sie neues Know-how aufbauen?
- In welche Technologien möchten Sie investieren?
- Wie wichtig sind langfristige Beständigkeit und Rückwärtskompatibilität?
- Neue Prozesse in Entwicklung und Betrieb?
- Kürzere Update-Zyklen gefordert?
- ...

Welcher Weg ist für **Sie** der beste?



Diskussion



Vielen Dank!

Andreas Schulte
andreas.schulte@de.ibm.com
Twitter: @connectday

DNUG44

Berlin
31. Mai - 1. Juni 2017

IBM HR Festival 2017
Dienstag, 9. Mai 2017
IBM@re:publica
STATION-Berlin

IBM