

Enterprise Content Management 2012

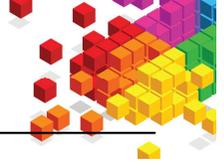
UserNet Forum - Istanbul



IBM Content Navigator ECM User Experience

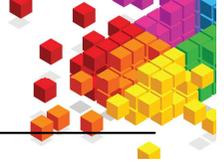
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Senior Product Manager
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Introducing IBM Content Navigator

- Next generation of user interface for IBM ECM
- Released on Friday, June 29, 2012
- Available for download via standard channels (Passport Advantage)
- Included (slipstreamed) with FileNet P8, CM8, and OnDemand
- Supported repositories:
 - P8 5.0 and 5.1
 - CM/II4C 8.4.2 and 8.4.3
 - CMOD/CM ODWEK 8.5
- Standards based: HTML5, JavaScript and CSS3
- [Press Release](#), [Web Page](#), and [Solution Brief](#) for more information



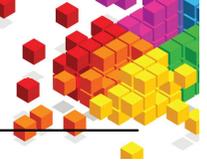
IBM Content Navigator “Philosophies”

Rich and flexible user experiences

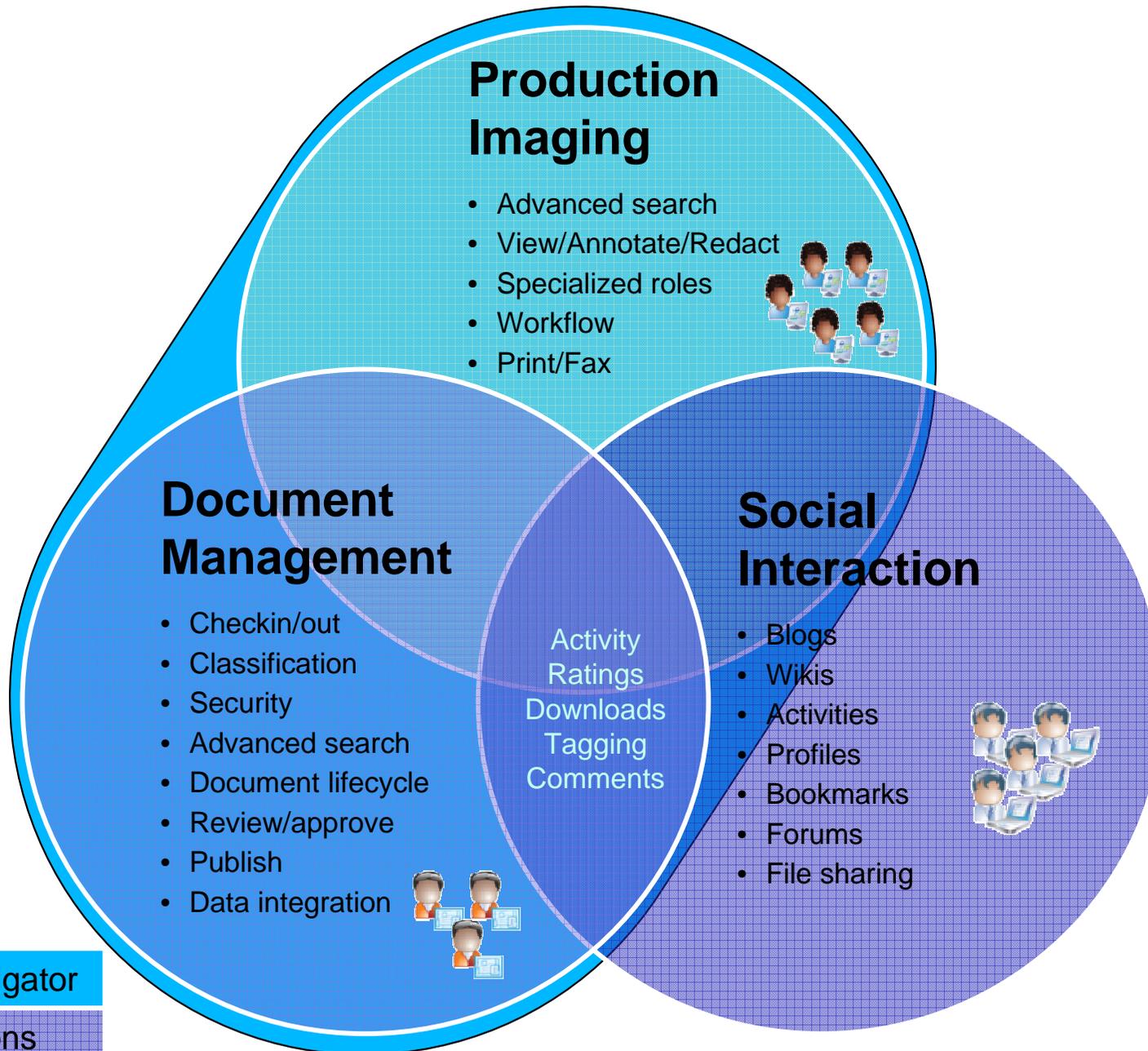
- Collaborative document management and production imaging
- Enhanced productivity with best of breed social capabilities
- Business users self provision and collaborate with teams on activities and projects
- Content accessible from anywhere including mobile
- Unified user experience for P8, CM8 and CMOD

Accelerated solution building and deployment

- OOTB ECM user experience with very flexible customization
- Reusable components to enable portals or role based UIs
- A single platform agnostic infrastructure

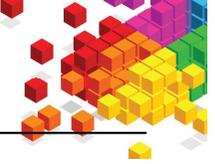


Intersection Between ECM & Social



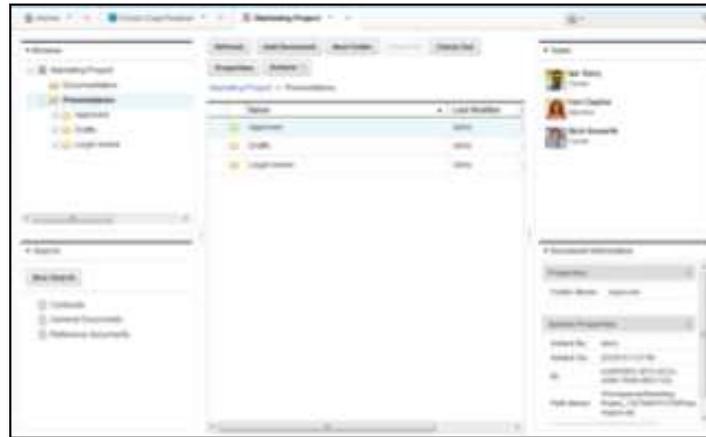
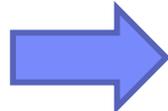
IBM Content Navigator

IBM Connections



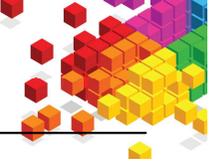
Business Self Provisioning

- My Documents replacement
- Quarterly and annual business reviews
- Events and conferences
- Standard operating procedures
- Contracts/ vendor management
- ...



Teamspace



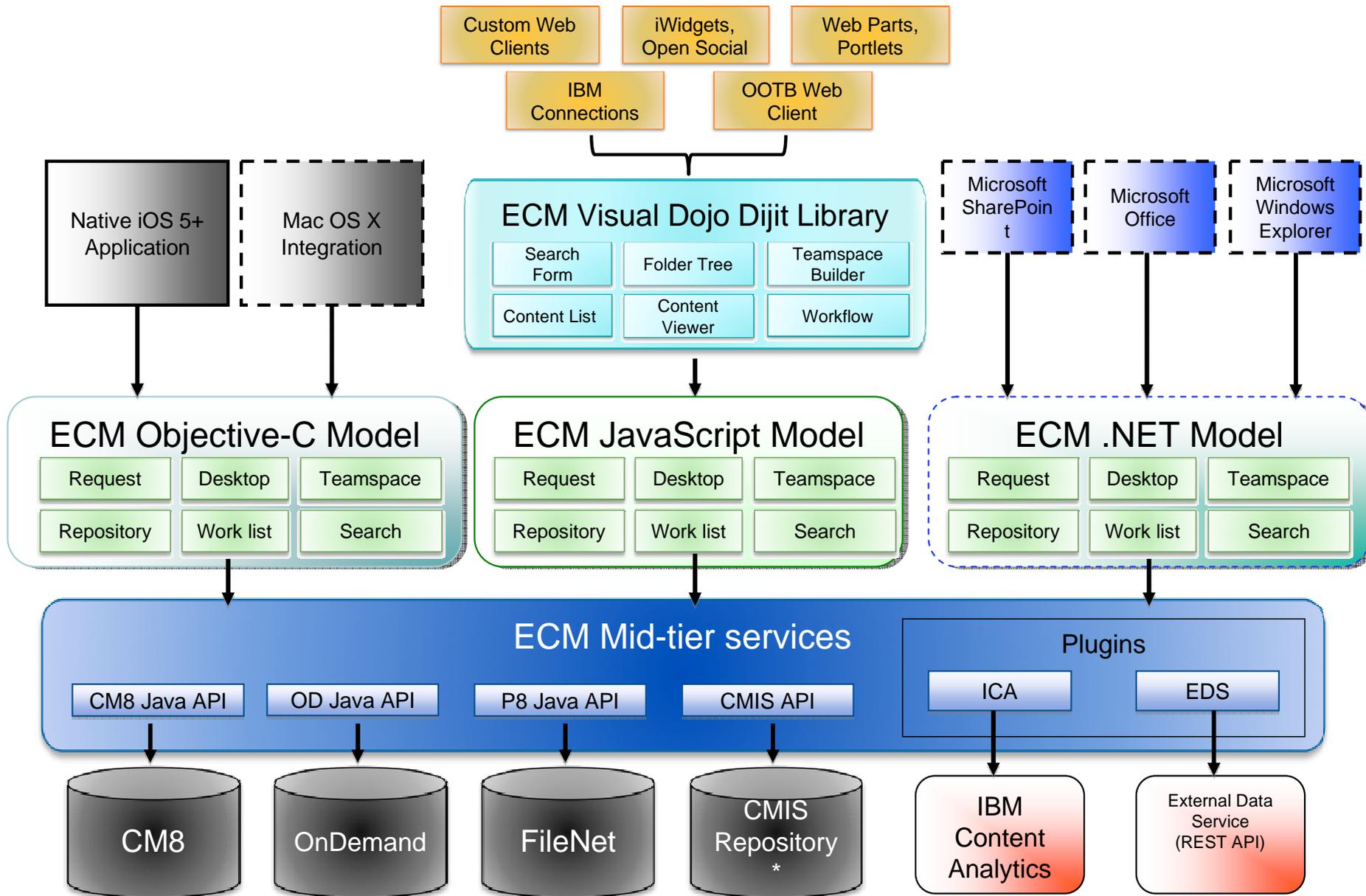


IBM Content Navigator Development Strategy

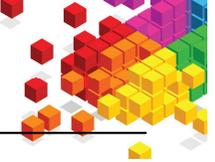
- Not a complete re-write of existing user interfaces
- Huge suite of functional and performance tests
- Uses a servlet framework, which provides several advantages:
 - Existing support with native API connectors for CM8, CMOD and P8
 - Extensible, allowing for custom mid-tier actions
- The servlet framework will be extended to support:
 - Features currently found in WEBi / eClient and Workplace / Workplace XT, such as folder navigation for browsing documents
 - New provisioning features, which allow business users to define item types and document classes, and to apply document security
- Develop a new client-side framework in JavaScript, consisting of a core modeling toolkit and a set of Dojo Dijits
 - Some existing JavaScript code can be reused in the modeling library, such as logging and server request / response handling



IBM Content Navigator Architecture (not all in R1)



* - CMIS is a technology preview in first release



The visual components

Focus Corp Finance > Customer Contracts > Account 25-13652

Name	Last Modifier	Date Last Modified	Majo
Reference material	P8Admin	10/9/2011 11:23 PM	
Atlanta TEC Capital Lease Contract.pdf	rhowarth	10/19/2011 3:20 PM	
Atlanta TEC Computer Hardware Contract.pdf	rhowarth	10/19/2011 3:20 PM	
Atlanta TEC Invoice.doc	rhowarth	10/19/2011 3:21 PM	
Atlanta TEC Midwest Lease Agreement.pdf	rhowarth	10/19/2011 3:21 PM	
Atlanta TEC.ppt	rhowarth	10/19/2011 3:21 PM	

Document Information

Properties

Folder Name: Reference material

System Properties

Added By: Richardson, Bill

Added On: 10/9/2011 8:51 PM

ID: (75488284-1743-4400-A145-E4671A496D44)

Path Name: /Customer Contracts/Account 25-13652/Reference material

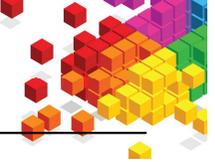
Browse

- Focus Corp Finance
 - Customer Contracts
 - Account 15-18173
 - Account 25-13652
 - Account 35-17232
 - Account 55-23523
 - Account 65-37433
 - Invoices
 - Reference material
 - Presentations

- Change or extend OOTB
- Build complete applications
- ECM-enable applications
- ECM Dijits and full Dojo library
 - <http://dojotoolkit.org/>

Work

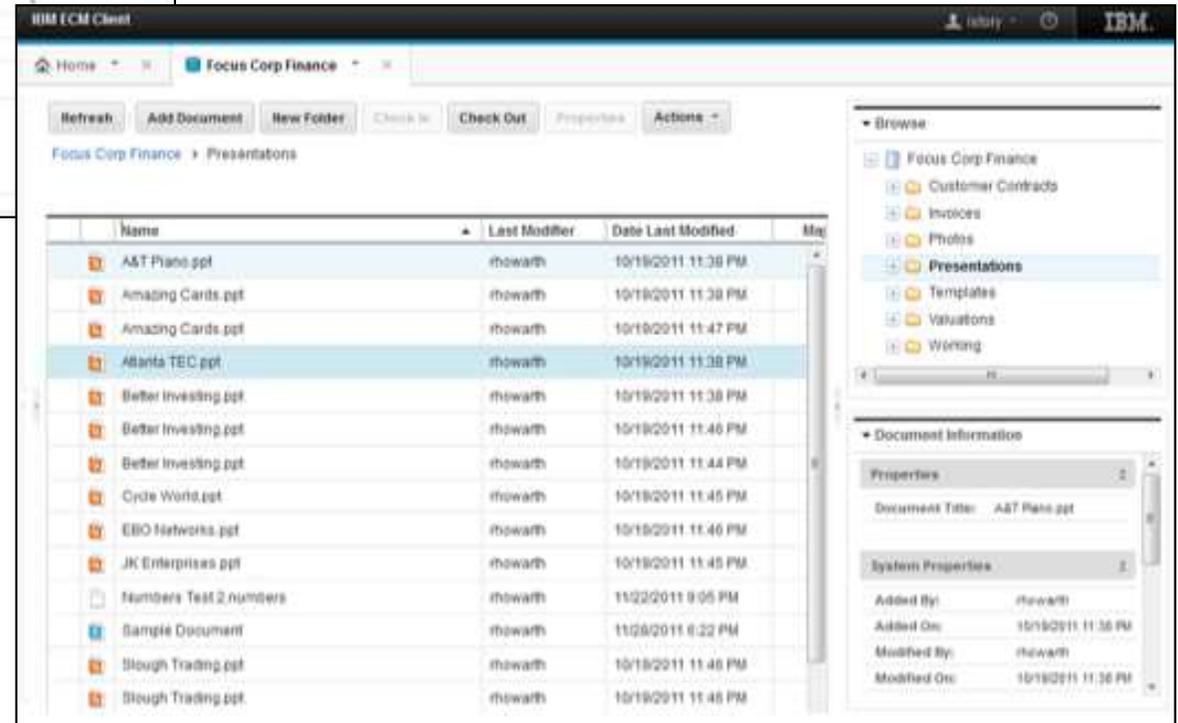
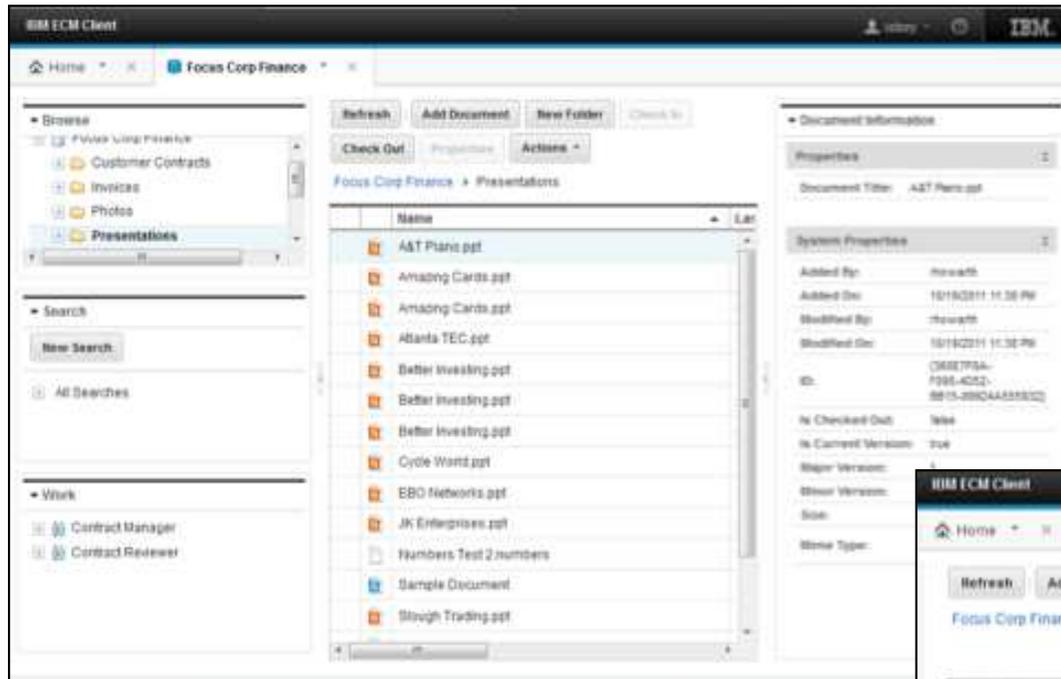
- Contract Manager
 - My Personal Work
 - Contracts ready for approval
- Contract Reviewer
 - Contracts for review

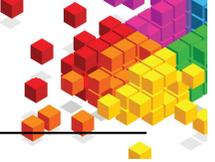


Visual components are put into layouts

Dojo Layouts

- Created by JavaScript developer
- Dojo layouts use Dojo Dijits
 - Simple extension of html <div> or <table>
- Deployed using configuration to users and roles



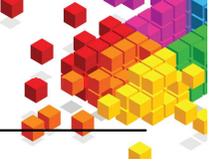


Layouts are exposed in desktops

The screenshot shows the IBM Enterprise Content Management administration interface. The left sidebar contains a navigation tree with categories like Administration, Desktops, Repositories, Menus, Viewer Mappings, Plug-ins, and UI Labels. The main content area is titled 'Desktop: Default Desktop' and features several tabs: General, Users and Groups, *Repositories, *Menus, Viewer Mappings, and Workflows. The 'General' tab is active, displaying fields for * ID (default), * Name (Default Desktop), and a Description field. A checkbox labeled 'Set as the default desktop' is checked. At the top of the configuration area, there are buttons for 'Save and Close', 'Save', 'Reset', 'Delete', and 'Close'. The top navigation bar includes the IBM logo, a user profile 'istory', and a help icon.

Configuration of:

- Logos and labels
- Repositories
- Desktops / layouts
- Menus
- Viewers
- ...



External Data Services

- OOTB UI functionality
 - Applies to add document, checkin, modify properties, search and workflow
- Populate fields from lookup
- External choice lists
 - Locations, Part numbers, Approvers, ...
- Dependencies between properties
 - E.g. Country, City, State
- Set default or dynamic values
- Property value and format validation
 - External or regular expressions
- Dynamic properties
 - Hide/show & read-only/write

Add Document

The values that you enter for the document properties can be used to find the document later.

* Save in: Invoices

File name: EBO Invoice.docx

Major version

▼ Properties

Class: Invoice

Document Title: EBO Invoice.docx

* Authoring Division: Sales

* Type of Document: Standard Invoice

* Review Status: Ready for review

* Account Number: 23-34837

* Customer Name: EBO Networks

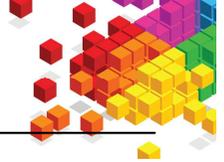
* Region: Southwest

* Branch Office: Las Vegas

Total Cost:

Total Units:

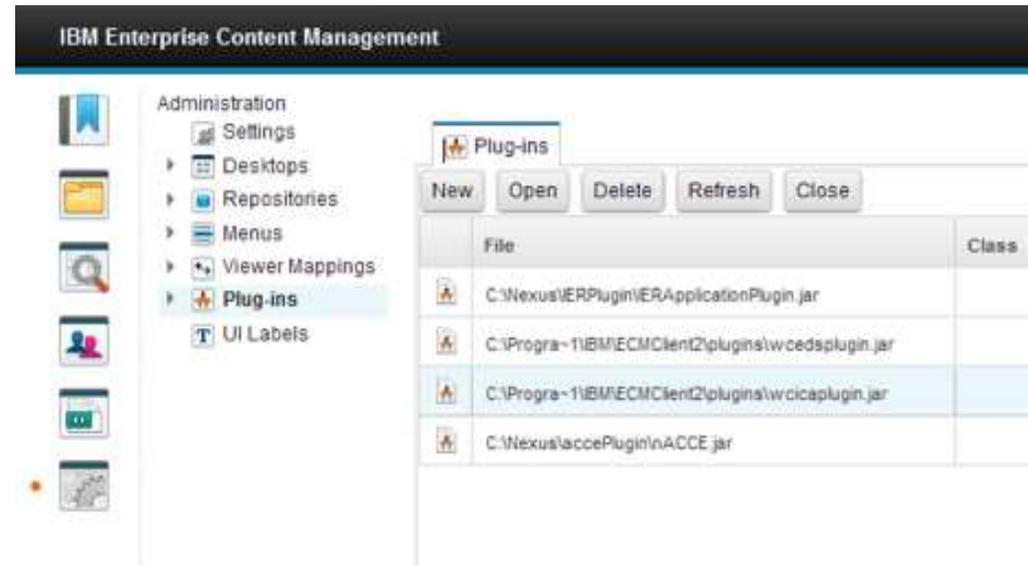




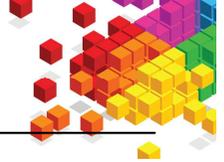
Extending IBM Content Navigator

- Partner or client created Dojo Dijits
- Custom menu and tool bar actions
- Custom developed layouts

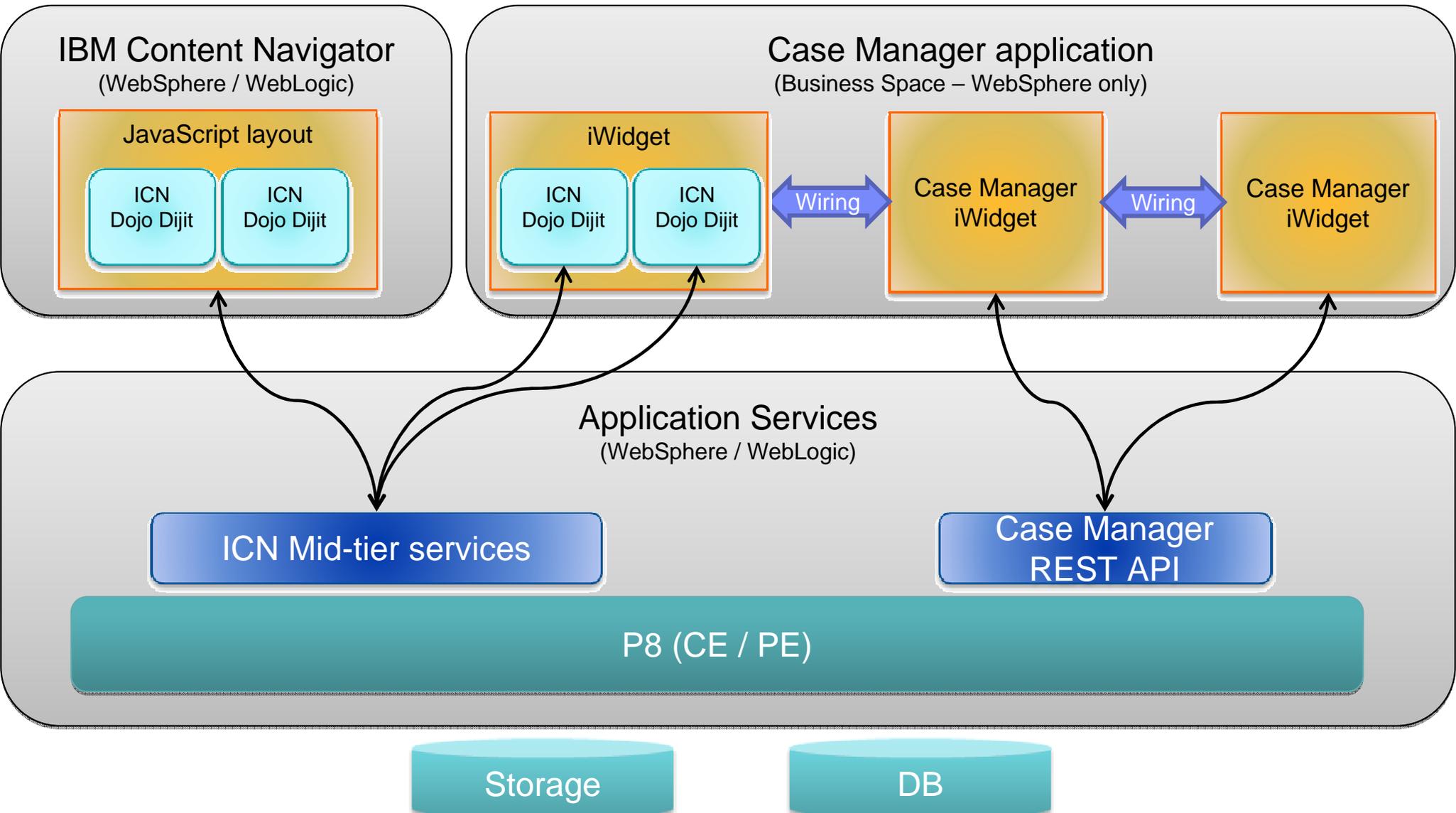
- Examples of plugins
 - ICA integration
 - EDS services
 - ...

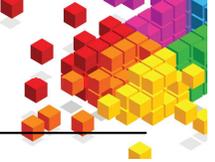


- Note: Plugins and customizations do not change core code
 - They are deployed alongside the IBM Content Navigator EAR
 - Upgrades will be simpler because of this boundary



IBM Content Navigator and Case Manager Interoperability





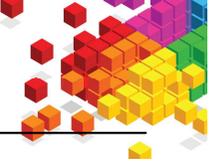
Case Manager & Content Navigator Interoperability Concepts

- Case Manager using Content Navigator toolkit
 - Accelerates Case Manager product and customer development
 - Taking one or more dijits and creating an iWidget to add to Case Manager

- Case Manager launching a teamspace
 - During case processing, initiate a teamspace for collaborative document management
 - The documents created in the teamspace return to the case once complete

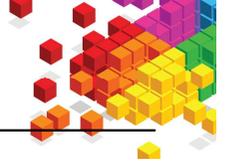
- Launch a case from Content Navigator
 - Production Imaging exception processing
 - E.g. Initiate a case to handle an exception

The screenshot displays the IBM Case Manager interface for a 'Benefits Claims' case. The main window shows a 'Review Request' for a 'New background request submitted' on 07/12/2010. The interface includes a navigation bar with 'My work', 'Cases', and 'Work Details'. A central 'Viewer' pane displays the case details, including 'GENERAL INFORMATION' (Last Name: McShay, First Name: Tracy, Address: 982 Charming Street, San Diego CA), 'PROGRAM HISTORY' (Child Care, 09/2007, 12 months, Completed), and 'RELATIONSHIPS' (Tracy Johnson, Self, Confidence 90, Rule Alias, Severity 4; Howard McShay, Uncle, Confidence 90, Rule Stated, Severity 3). On the left, an 'Attachments' list shows documents like 'W2-2009.jpg', 'MCS-5998-Background.jpg', and 'Employment Letter.doc'. On the right, a 'Case Data' form contains fields for Applicant ID (429788953), Zip code (95123), Date of birth (06/25/1979), Priority (High), Received date (06/30/2010), and Processor ID (997866). The bottom status bar indicates 'Page 1 of 1...'.

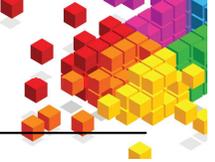


IBM Content Navigator - Next Steps

- Available now - web, mobile & iPad, **no cost to CM8/CMOD/P8 clients!**
 - Client Feedback Program with 30 organizations, over 100 participants
- Office Integration target 1H 2013 (likewise, no cost to CM8/CMOD/P8 clients)
 - Use IBM Content Navigator (EDS, teamspaces, security, etc.)
- Supported Browsers:
 - Firefox 4.x or higher
 - Internet Explorer 8.x or higher
 - Safari 5.x or higher
- Supported Repositories:
 - CMOD/CM ODWEK 8.5
 - CM/II4C 8.4.2 & 8.4.3
 - P8 5.0 & 5.1
- Supported Databases:
 - DB2 Universal 9.7 & 9.1; DB2 9.1 & 10.1 for z/OS
 - SQL Server 2008 R2 and SP1 (both enterprise & standard)
 - Oracle 11G R1 and Oracle 11G R2 (both enterprise & standard)
- Supported Application Servers:
 - WebSphere 7 & 8
 - WebLogic 11G R1 (10.3.4 & 10.3.5; not 10.3.6 or 12.1.1)

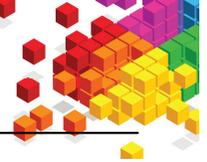


Demonstration



Supporting materials / links on IBM Content Navigator

- Solution brief: http://www.ibm.com/common/ssi/cgi-bin/ssialias?subtype=SP&infotype=PM&appname=SWGE_ZZ_VH_USEN&htmlfid=ZZS03115USEN&attachment=ZZS03115USEN.PDF
- Press release: <http://www-03.ibm.com/press/us/en/pressrelease/38093.wss>
- Web page: <http://www-01.ibm.com/software/ecm/experience.html>
- System requirements: <http://www.ibm.com/support/docview.wss?uid=swg27024958>
- Instructions on how to download IBM Content Navigator: <http://www.ibm.com/support/docview.wss?uid=swg24032612>
- Publication library: <http://www.ibm.com/support/docview.wss?uid=swg27025015>
- Forum on IBM Content Navigator: <http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2869>
- Forum on IBM Content Navigator mobile: <http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2868>
- Information Centers:
 - IBM Content Manager with IBM Content Navigator: <http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/index.jsp>
 - IBM Content Manager OnDemand with IBM Content Navigator: <http://publib.boulder.ibm.com/infocenter/cmod/v8r5m0/index.jsp>
 - IBM FileNet Content Manager with IBM Content Navigator: <http://publib.boulder.ibm.com/infocenter/p8docs/v5r1m0/index.jsp>



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