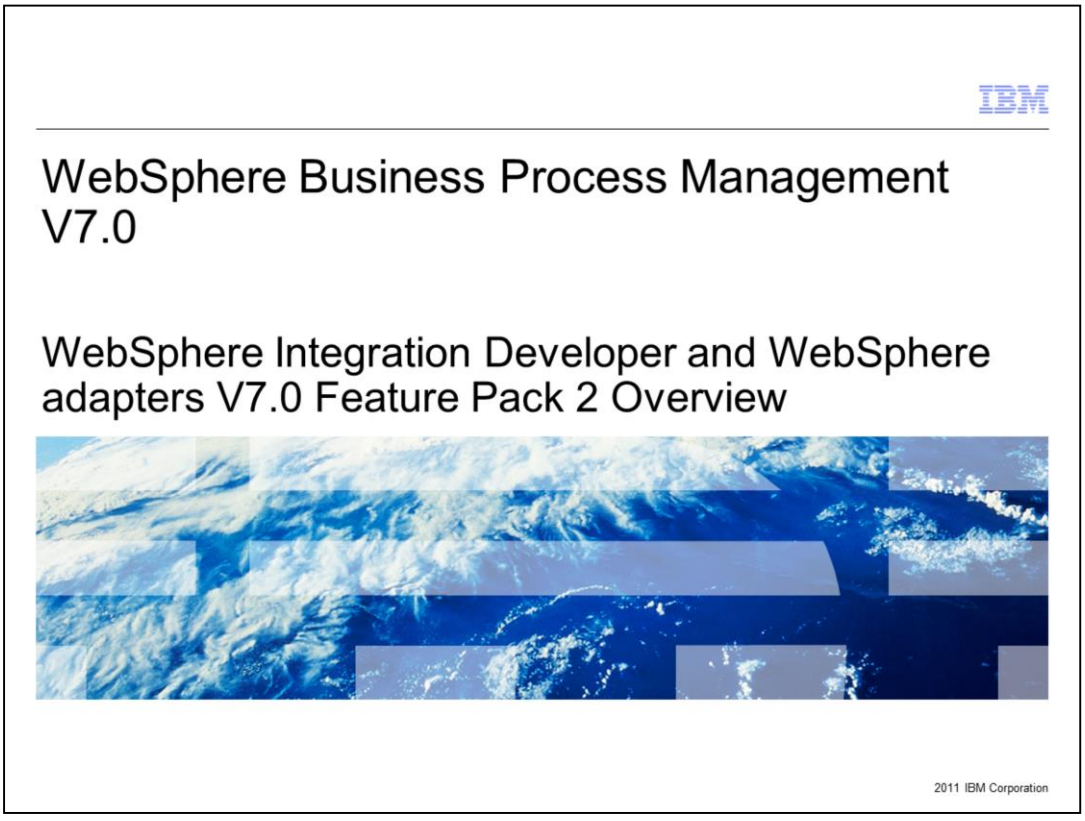
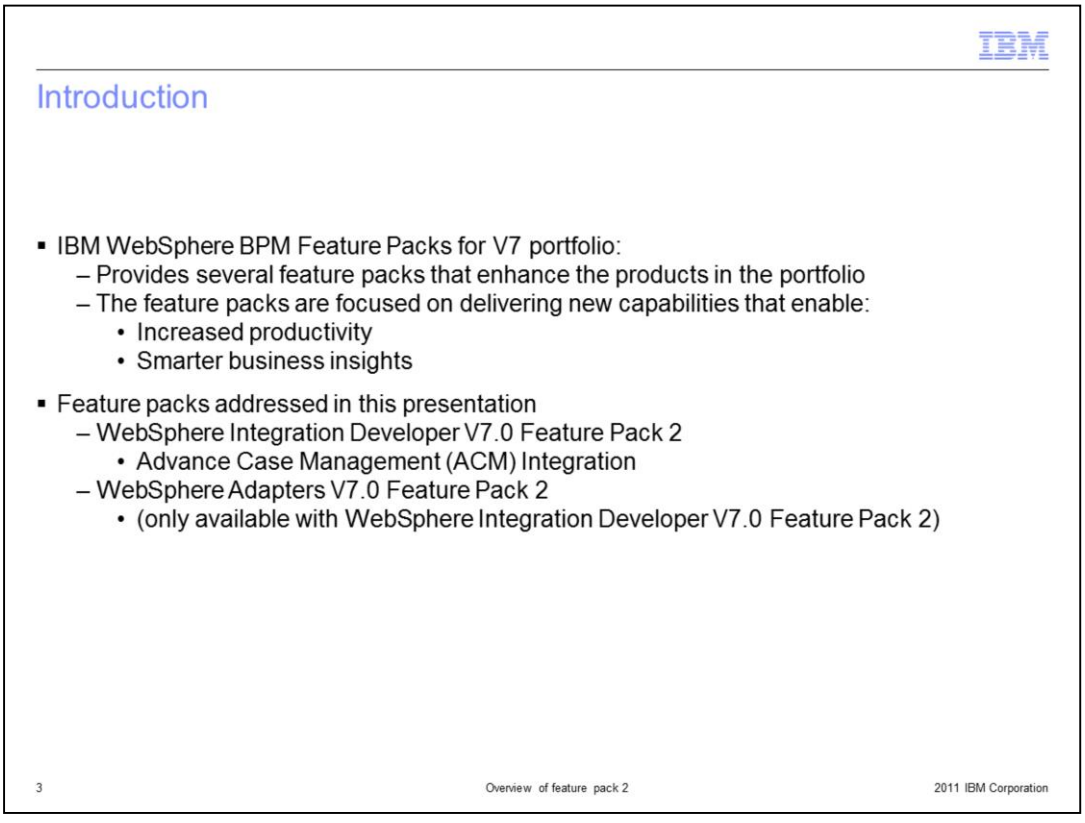


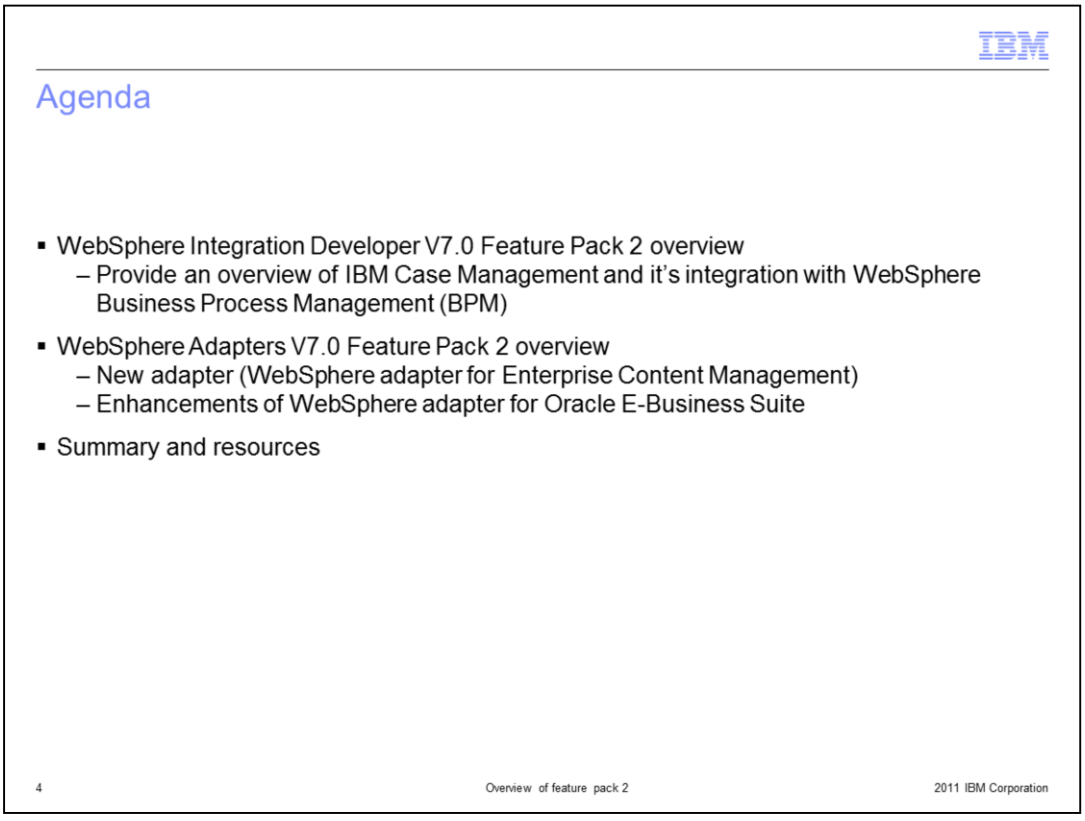
This presentation covers the WebSphere Integration Developer and WebSphere adapters V7.0 Feature Pack 2 Overview.

This section provides a brief introduction to the IBM WebSphere BPM Feature Packs for V7 and an agenda for the presentation.

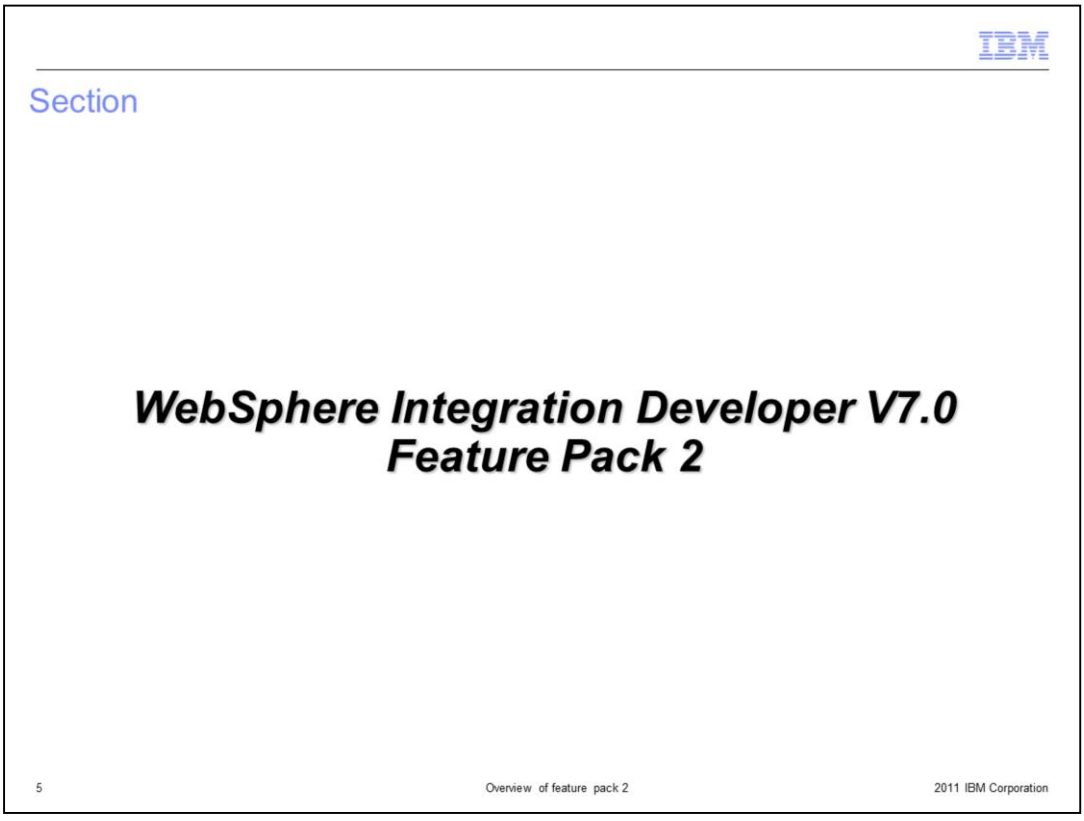


As the name suggests, the portfolio of IBM WebSphere BPM Feature Packs for V7 is a collection of feature packs for various products in the WebSphere Business Process Management V7 suite. Each of the feature packs is a separate product. A primary focus of the functionality provided by these feature packs is to enable increased productivity for developers and for business users. Additionally, another focus of the enhancements is to provide better and smarter business insights to enhance the effectiveness of business users.

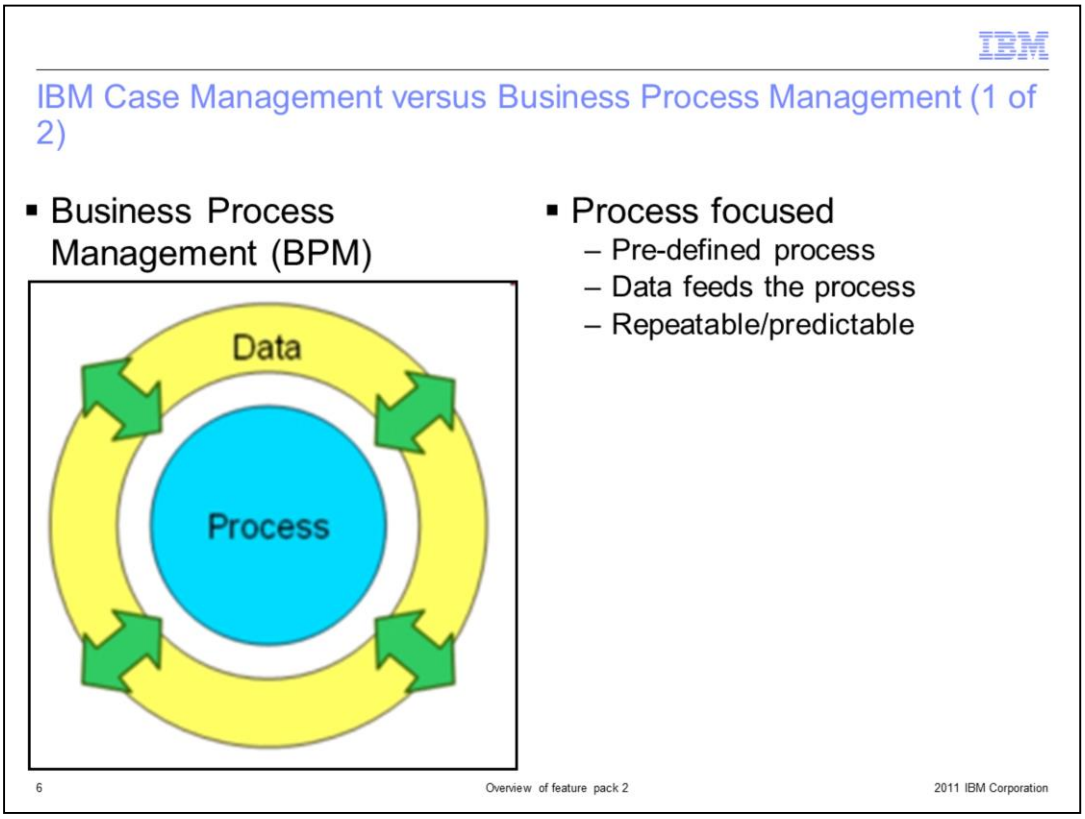
There are several feature packs provided, however this presentation only addresses a subset of them. All of the feature packs have a suffix of V7.0 Feature Pack 2. This presentation addresses the feature packs for WebSphere Integration Developer and some of WebSphere Adapters. Note that the WebSphere Adapters feature pack is only available from within the WebSphere Integration Developer feature pack..



The presentation starts by providing an overview of WebSphere Integration Developer V7.0 Feature Pack 2 overview. Specifically, an overview of IBM Case Management and it's integration with WebSphere Business Process Management (BPM). Next the feature pack for WebSphere Adapters introduces a new adapter to WebSphere adapters portfolio. It is called WebSphere adapter for Enterprise Content Management. The Feature Pack 2 also addresses new feature and enhancements of WebSphere adapter for Oracle E-Business Suite. However, other adapters are not addressed in this presentation.



WebSphere Integration Developer V7.0 Feature Pack 2 introduces new integration to Advance Case Management.



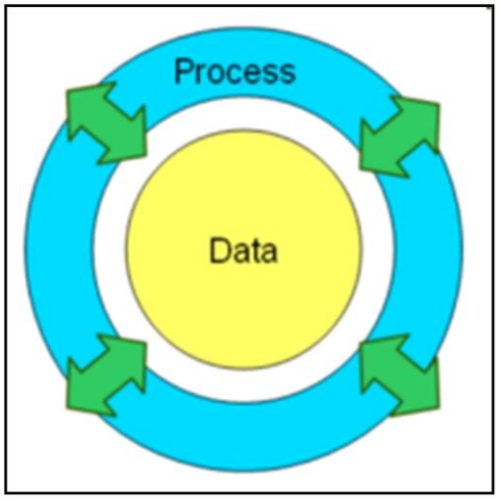
First you will cover Business Process Management, or BPM. Generally, BPM focuses on processes as the core driver, and data interacts with the process. BPM does an excellent job with pre-defined processes; ones that are repeatable, but also ones that can by dynamic.

IBM

IBM Case Management versus Business Process Management (2 of 2)

- Data focused – case focused
  - Ad-hoc, knowledge worker driven process
  - Contextual by nature
  - Unpredictable/unrepeatable
- Think in terms of a case (data)
  - Create a case file and follow a process; lead with case first
  - Case data used by case managers/team who collaborate to resolve and close a case; typically long lived processes
  - After a case is closed, information is retained
- 360 degree view of the case throughout a process
  - Ex: view of customer from different roles

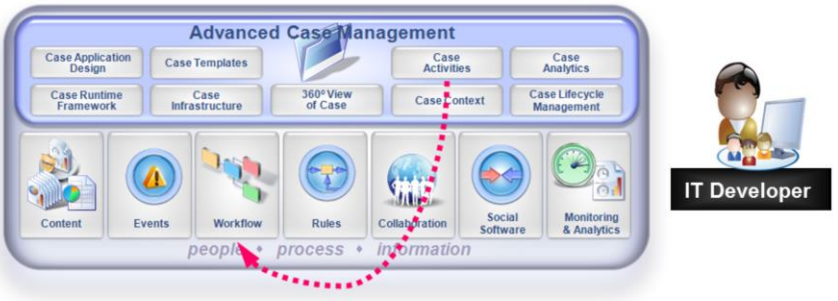
- IBM Case Management



 2011 IBM Corporation

For IBM Case Management the core focus is on the data. The process interacts with the data and is contextual by nature. Case Management does an excellent job with ad-hoc type processes like ones that are knowledge worker driven process or ones that are unrepeatable. Data is thought in terms of a case and a case needs to be created before a process can be defined. Case data can be used by a case management team who collaborate to resolve and close a case. Typically, these processes are long lived and case data is retained after the case has been closed. The true value of Case Management is the 360 degree view of the case throughout a process. For example, this means a knowledge worker can have a complete view of customer and has a different context view of the case given different roles.

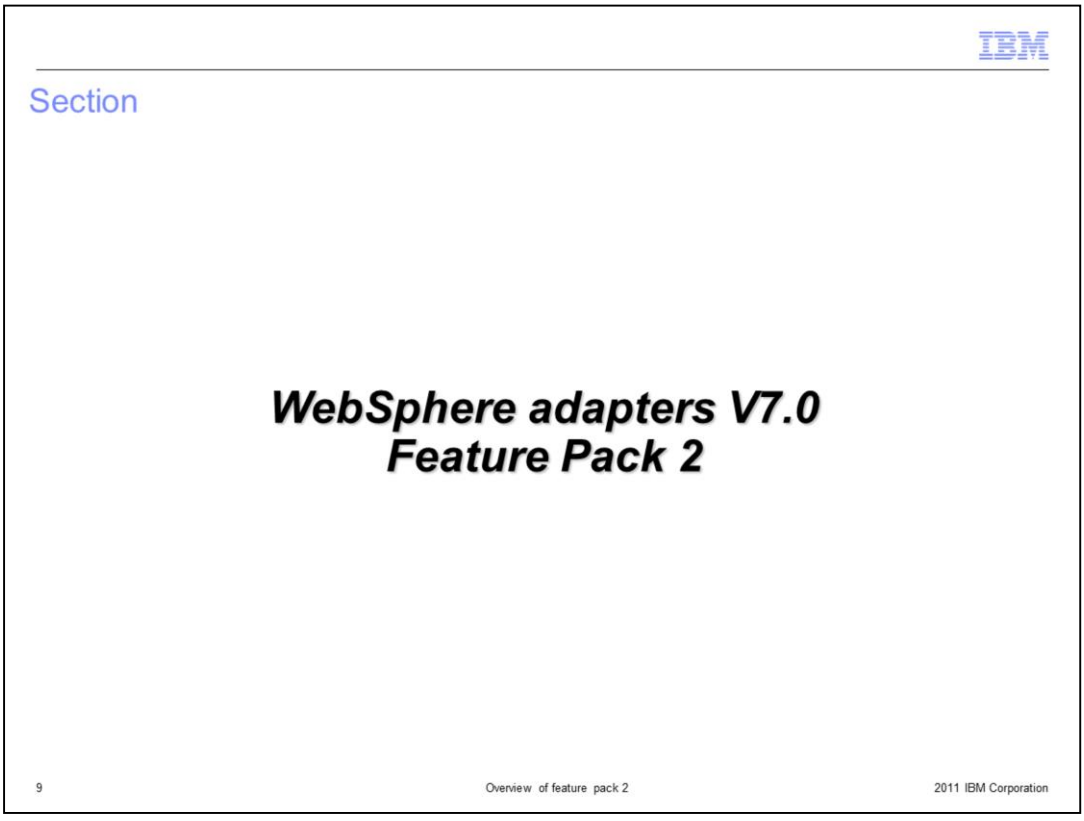
Enriching Advanced Case Management Scenarios with WebSphere BPM



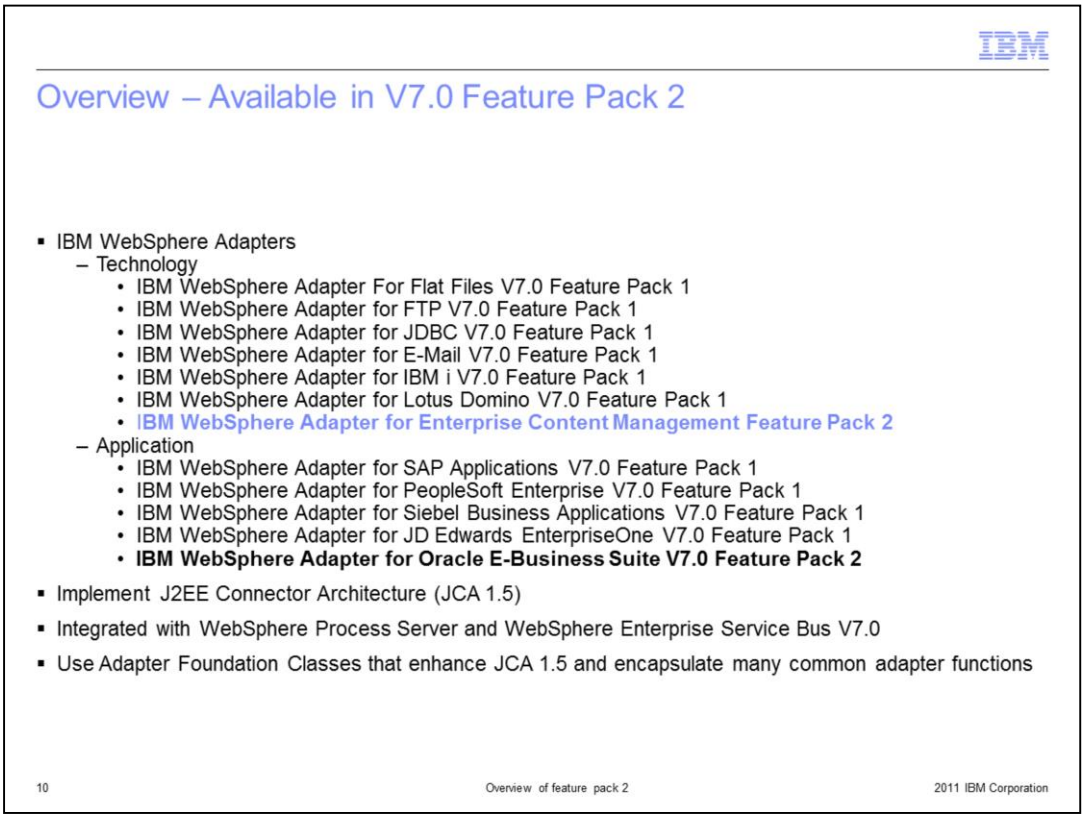
- Delivered in WebSphere Integration Developer V7.0 Feature Pack 2
  - Enable invocation of a WebSphere BPM process from an IBM Case Management task
  - WebSphere Integration Developer to enable generation of appropriate source artifacts and invocation scripting
  - Provide documentation to facilitate use of WebSphere BPM with IBM Case Manager
  - Case Management support delivered in P8 Process Engine 5.0
- For existing WBPM customers
  - Simplified access to case structure during process design
  - Easier re-use of existing WebSphere BPM processes in a case management context
- For existing Filenet customers
  - Better integration into a full SOA BPM infrastructure, Business Process Management

8 Overview of feature pack 2 2011 IBM Corporation

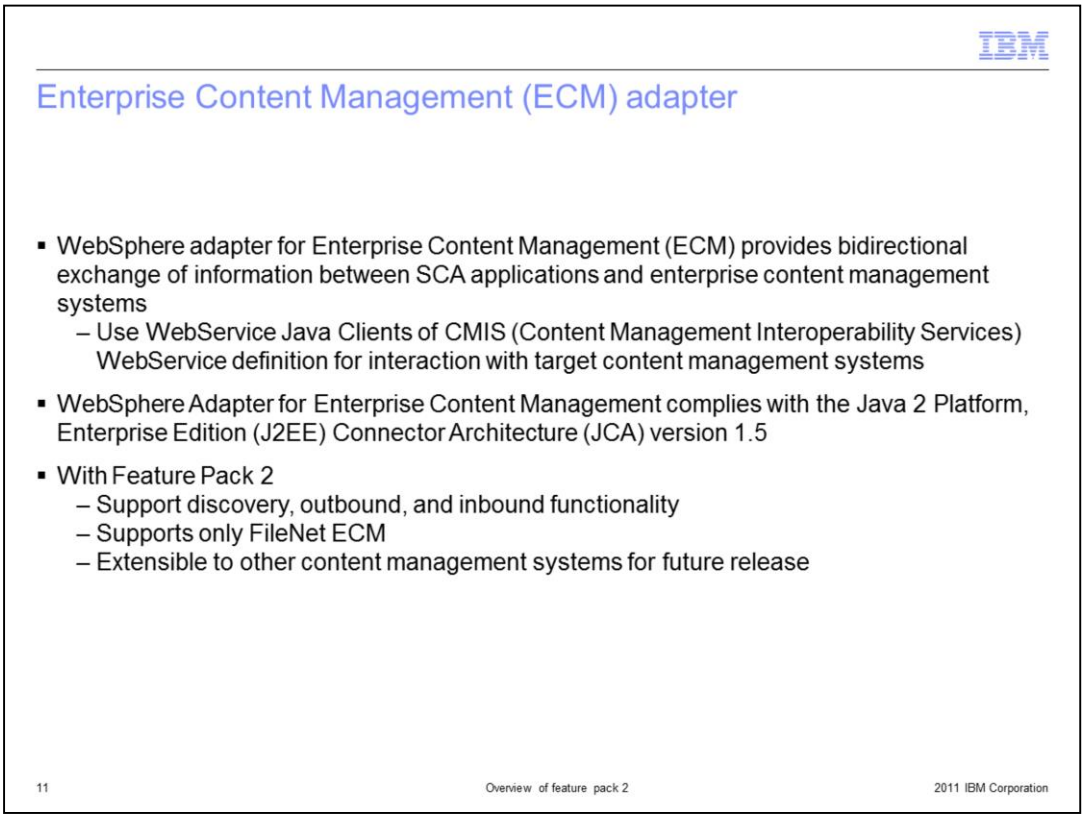
What is being delivered in WebSphere Integration Developer V7.0 Feature Pack 2 is the ability to connect IBM Case Management with Business Process Management. That is, you can enable invocation of a WebSphere BPM process from an IBM Case Management task. In addition, WebSphere Integration Developer generates the appropriate source artifacts and invocation scripting needed, plus provides documentation to facilitate use of WebSphere BPM with IBM Case Manager. The Case Management part is delivered in P8 Process Engine version 5.0. What this means for existing WBPM Customers is a simplified access to case structure during process design and easier re-use of existing WebSphere BPM processes in a case management context. What this means for existing Filenet customers is a better integration into a full SOA BPM infrastructure like Business Process Management.



An overview of the WebSphere Adapters V7.0 Feature Pack 2 is presented in this section.



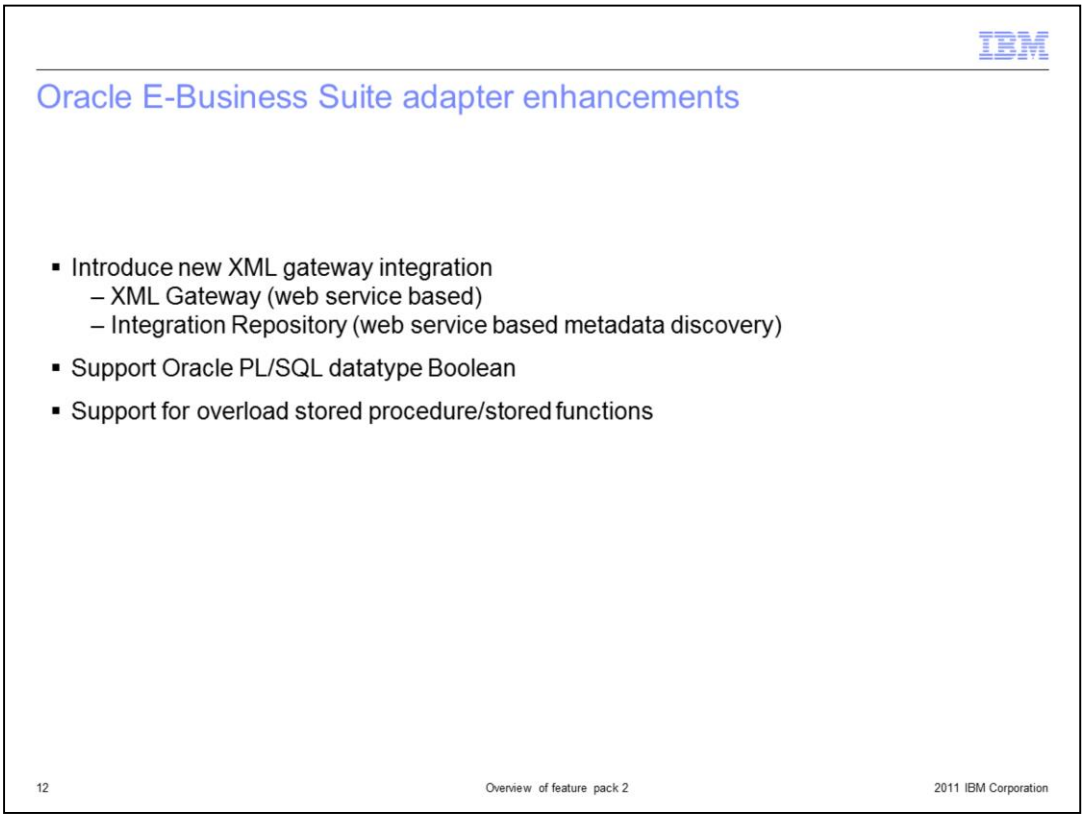
Here is the list of the adapters that are available for V7.0 Feature Pack 2. A new IBM WebSphere Adapter for Enterprise Content Management (ECM) V7.0 Feature Pack 2 is introduced as one of the technology adapters. To recap, these are all based on a set of foundation classes that enhance the JCA 1.5 specification. These foundation classes contain many new features for the 7.0 release. Notice that only WebSphere adapter for ECM and WebSphere adapter for Oracle EBS would have the suffix of WebSphere V7.0 Feature Pack 2. Other adapters are still at V7.0 Feature Pack 1 level.



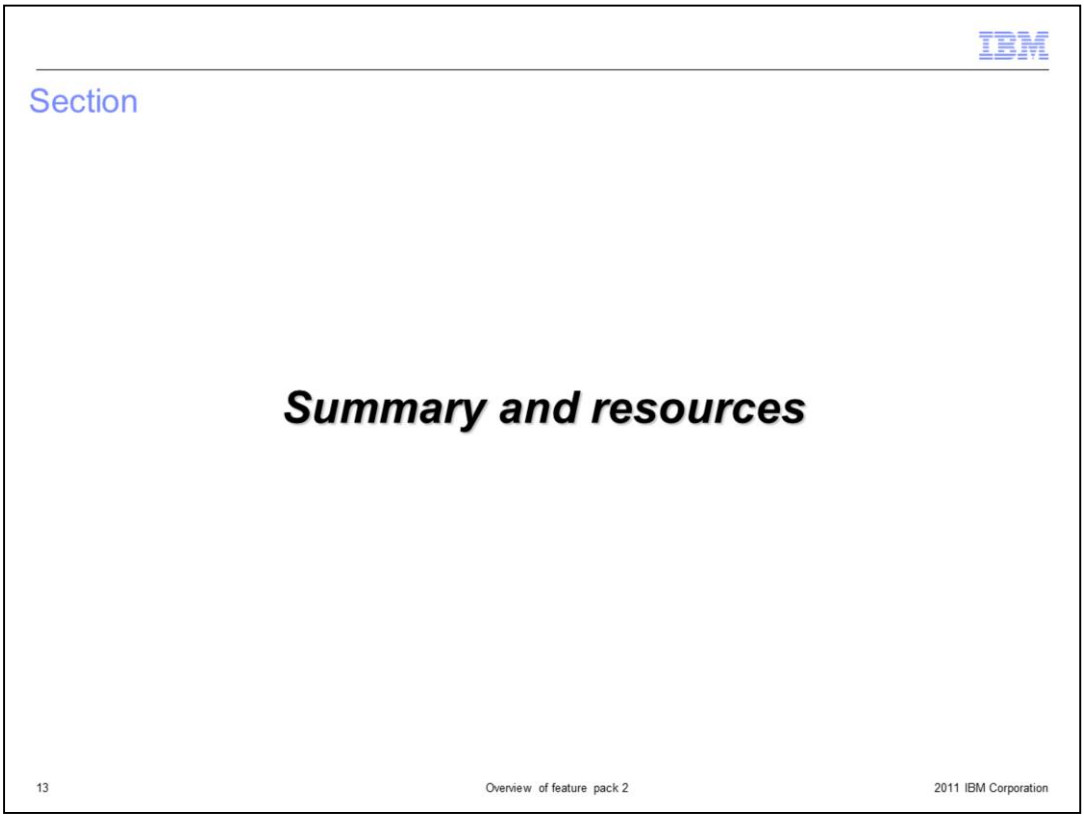
A new adapter has been introduced in Feature Pack 2 release which is called WebSphere Adapter for Enterprise Content Management (ECM). It supports bidirectional exchange of business data between business applications and Content Management Repository systems, which implement the Content Management Interoperability Services (CMIS) v1.0 specification. The adapter provides outbound and inbound processing under the Java 2 Platform, Enterprise Edition (J2EE) Connector Architecture (JCA) and integrates with Service Component Architecture (SCA) components.

With Feature Pack 2, the WebSphere Adapter for ECM supports both outbound request processing and inbound processing of events. For outbound processing, when the adapter receives a request, which is sent in the form of a business object from the module, it processes the request and returns the result as a business object. For inbound processing, the adapter polls the event database in the CMIS server for events at specified intervals. Each time a subscription is created or updated, the adapter tracks the process as an event. When the adapter detects an event, it requests a copy of the subscription, converts the data into a business object, and sends it to the consuming service.

The WebSphere Adapter for Enterprise Content Management is designed to connect to all Content Management Repositories which implement the CMIS interface. However, with Feature Pack 2 release, the adapter only connects to the FileNet Content Engine with possibility of extensible to other content management systems in future release.



With Feature Pack 2, it supports for XML Gateway interface and metadata discovery of services in WebSphere Adapter for Oracle E-Business Suite. It is providing a consistent approach for accessing/storing content in Oracle E-Business Suite. It also adds support for Oracle, overloaded, stored procedure and PL/SQL BOOLEAN type to enhance the capability to access Oracle-specific content.



The presentation summary and additional resources are provided in this section.

The presentation started with an introduction to the portfolio of IBM WebSphere BPM Feature Packs for V7, providing some background and listing the included feature packs. Installation of the feature packs was then discussed, followed by an overview of function provided by some of the feature packs. Specifically addressed were the feature packs for WebSphere Integration Developer and WebSphere adapters.

There are a couple of links provide to enable you to further understand these feature packs. The first is to the announcement, which provides an excellent overview, and the second is to the landing page for the feature packs.

•Trademarks, disclaimer, and copyright information

•IBM, the IBM logo, ibm.com, Domino, FileNet, Lotus, and WebSphere are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of other IBM trademarks is available on the web at "Copyright and trademark information" at http://www.ibm.com/legal/copytrade.shtml

•THE INFORMATION CONTAINED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. in the United States, other countries, or both.

•THE INFORMATION CONTAINED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. WHILE EFFORTS WERE MADE TO VERIFY THE COMPLETENESS AND ACCURACY OF THE INFORMATION CONTAINED IN THIS PRESENTATION, IT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. IN ADDITION, THIS INFORMATION IS BASED ON IBM'S CURRENT PRODUCT PLANS AND STRATEGY, WHICH ARE SUBJECT TO CHANGE BY IBM WITHOUT NOTICE. IBM SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING OUT OF THE USE OF, OR OTHERWISE RELATED TO, THIS PRESENTATION OR ANY OTHER DOCUMENTATION. NOTHING CONTAINED IN THIS PRESENTATION IS INTENDED TO, NOR SHALL HAVE THE EFFECT OF, CREATING ANY WARRANTIES OR REPRESENTATIONS FROM IBM (OR ITS SUPPLIERS OR LICENSORS), OR ALTERING THE TERMS AND CONDITIONS OF ANY AGREEMENT OR LICENSE GOVERNING THE USE OF IBM PRODUCTS OR SOFTWARE.

•© Copyright International Business Machines Corporation 2011. All rights reserved.

2011 IBM Corporation