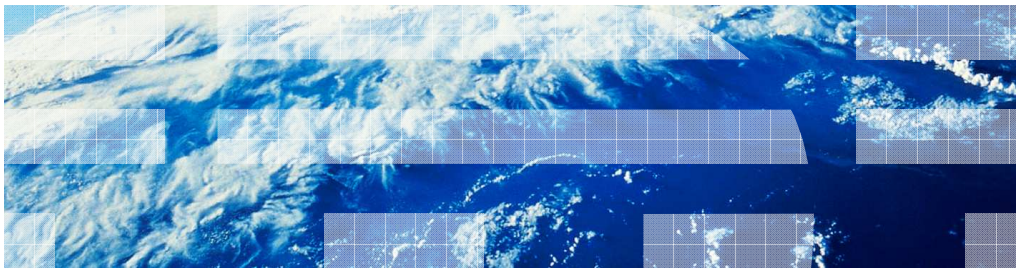
WebSphere Business Process Management
WebSphere Dynamic Process Edition V7.0

Overview



WebSphere. software

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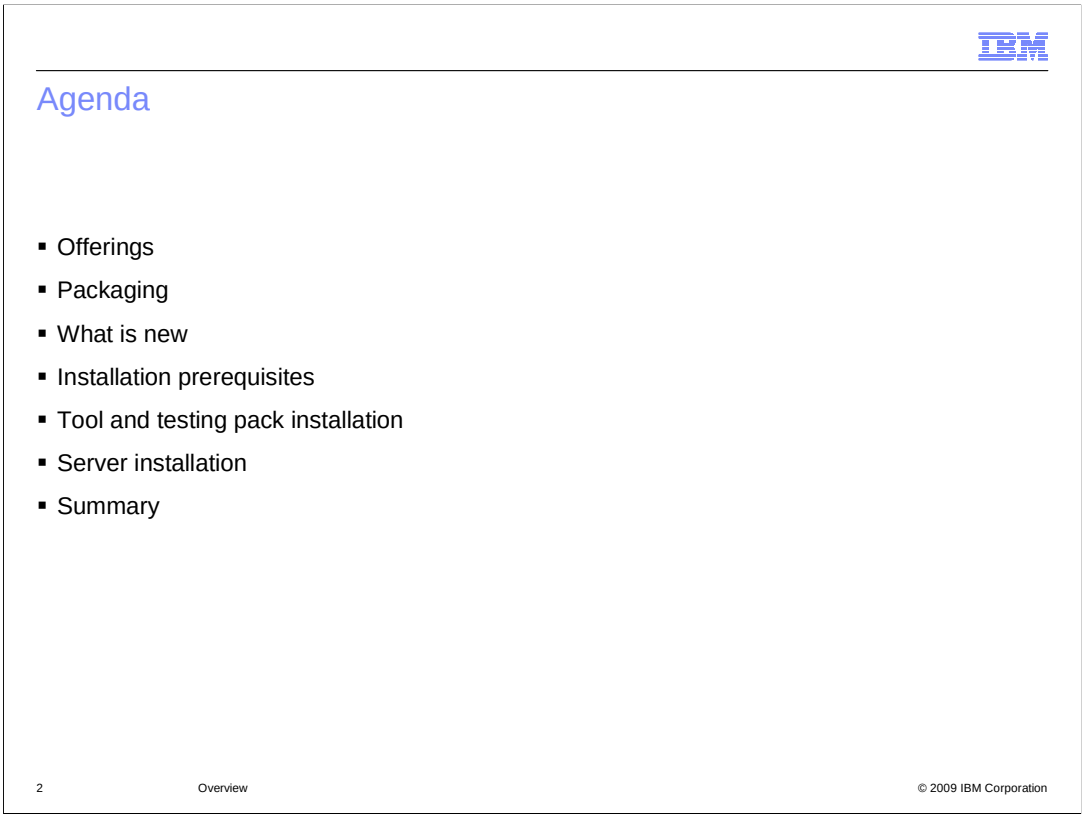
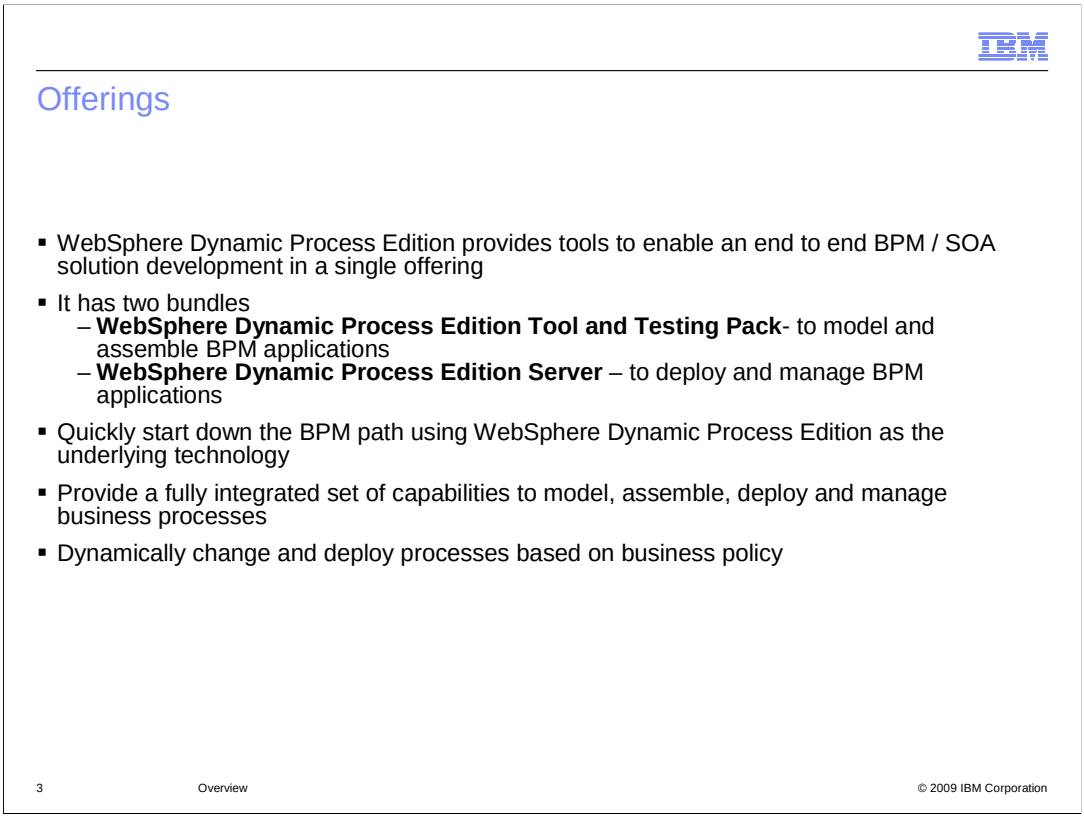
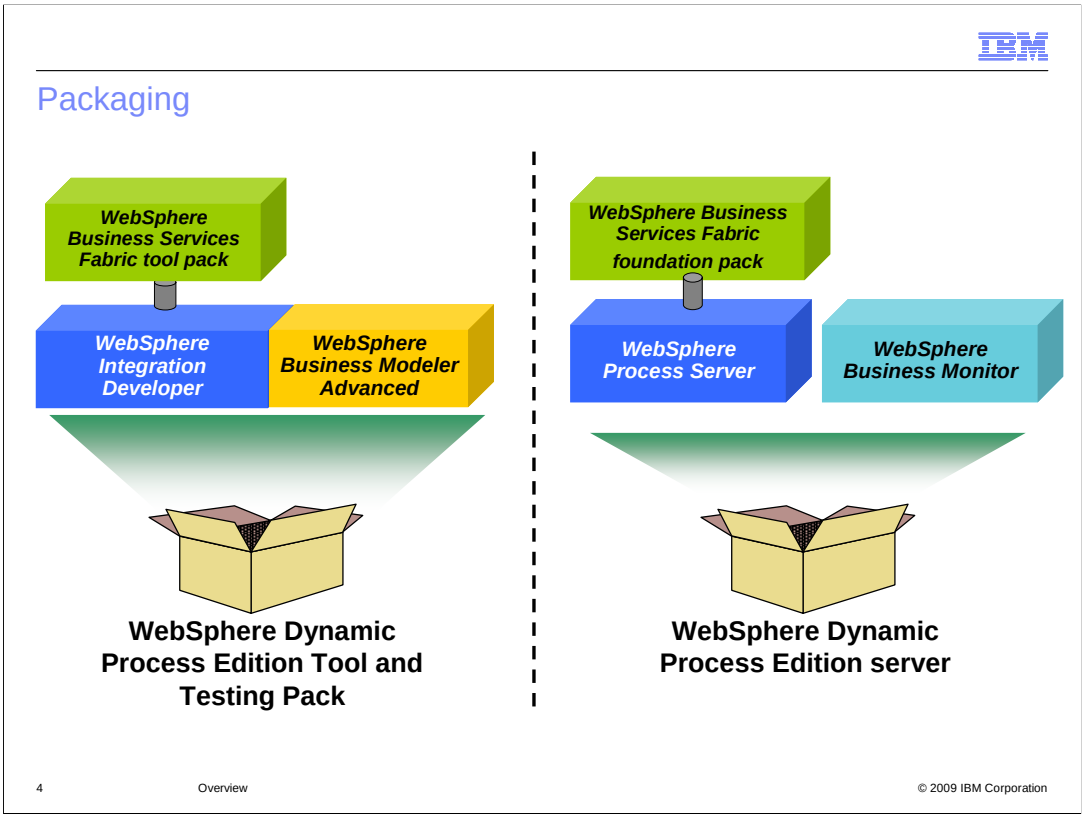
This presentation provides an overview of the feature in WebSphere® Dynamic Process Edition version 7.0.



In version 7.0 WebSphere Dynamic Process Edition has greatly improved the installation experience by providing common and consistent tools for the entire portfolio. This presentation provides an overview of the WebSphere Dynamic Process Edition offerings, packaging, and installation prerequisites for version 7.0. After that you get more details about the tool and testing pack and server installation.



In version 7.0, WebSphere Dynamic Process Edition provides a comprehensive foundation to deploy dynamic business processes in response to changing business needs. It enables end-to-end BPM / SOA solution development through a single offering. This offering comes in two bundles: **WebSphere Dynamic Process Edition Tool and Testing Pack** and **WebSphere Dynamic Process Edition Server**. **WebSphere Dynamic Process Edition Tool and Testing Pack** is used to model, assemble, and develop BPM applications and solutions. **WebSphere Dynamic Process Edition Server** is used to deploy, run, and manage BPM applications, including dynamically changing and deploying processes based on business policy.



WebSphere Dynamic Process Edition Tool and Testing Pack, which is the development portfolio, includes WebSphere Integration Developer, WebSphere Business Services Fabric tool pack, and WebSphere Business Modeler Advanced. In version 7.0, the WebSphere Business Monitor toolkit is embedded in WebSphere Integration Developer. This gives you a complete range of tools to develop an end-to-end BPM solution.

WebSphere Dynamic Process Edition Server, which is the runtime portfolio, includes WebSphere Business Services Fabric Foundation Pack, WebSphere Process Server, and WebSphere Business Monitor. This provides a dynamic environment that lets you run and change BPM solutions efficiently.

Supported environments

- Supported platforms
  - Tool and testing pack
    - Windows® XP and Vista (x86-32)
  - Server
    - Windows 2003 and 2008 (x86-32 and x86-64)
    - AIX® 5.3 (POWER® 32 and POWER 64) and 6.1 (POWER 64)
    - Solaris 10 (SPARC 32 and 64)
    - Linux® SLES 10 (System z® 64bit, x86-32 and x86-64)
    - Linux RHEL 4 U 6 (System z 64bit and x86-64)
    - Linux RHEL 5 (System z 64bit, x86-32 and x86-64)
- Supported databases
  - Derby 10.3
  - DB2® 9.1/9.5/9.7
  - DB2 for z/OS® 8/9.1
  - Oracle 10g/11g
- Supported browsers on Windows
  - Firefox V3.0.14
  - Internet Explorer® V6.0 and V7.0

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This slide lists all of the platforms, databases, and browsers that are supported by WebSphere Dynamic Process Edition version 7.0.

What is new

- Launch pad driven installers that are consistent across the entire portfolio
- Updated WebSphere Dynamic Process Edition Tool and Testing Pack installer
- New WebSphere Dynamic Process Edition server installer

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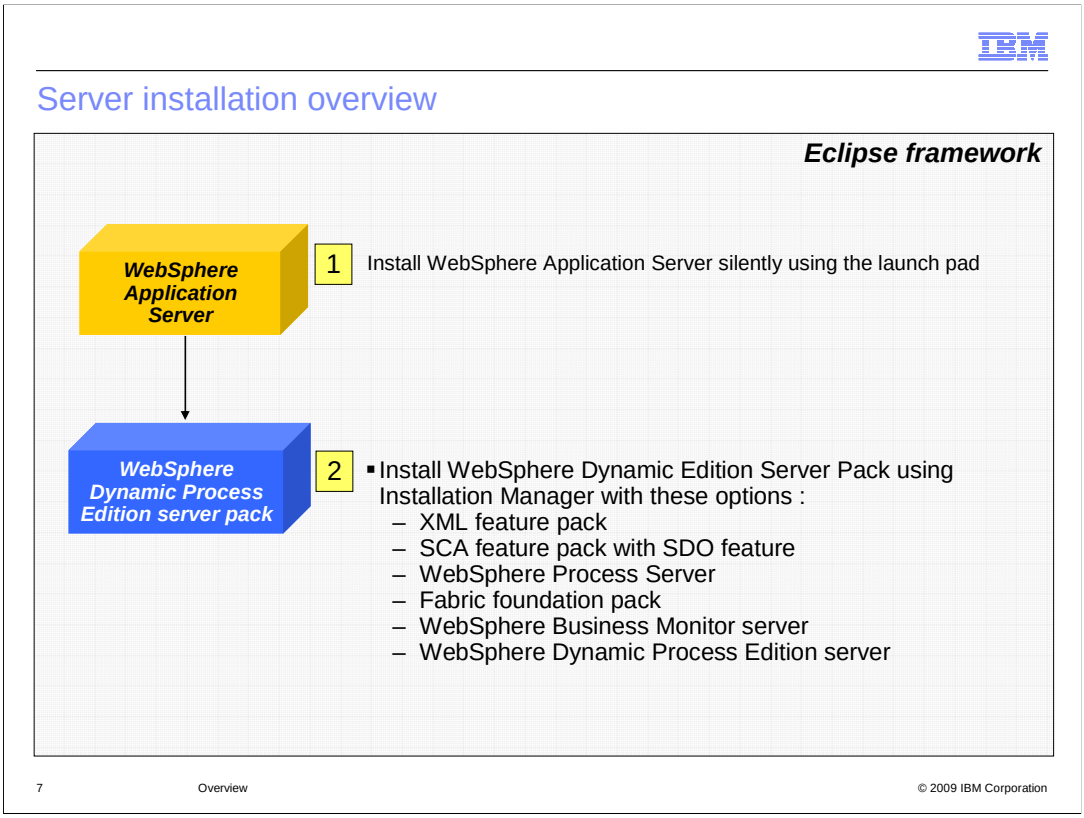
This slide looks at the new features in the version 7.0 release of WebSphere Dynamic Process Edition. First, the entire portfolio now has a consistent methodology and tools for the installation. All products use the launch pad and Installation Manager. Second, the WebSphere Dynamic Process Edition Tool and Testing Pack installer from version 6.2 has been updated to match this consistent look. Finally, a new WebSphere Dynamic Process Edition Tool and Testing Pack installer and server installer have been introduced in version 7.0.



Installing the WebSphere Dynamic Process Edition server is a two step process. The first step in the launch pad directs you to silently install the underlying WebSphere Application Server. The second step directs you to the Installation Manager. Here you are given the option to install the XML feature pack, SCA feature pack with SDO feature, WebSphere Process Server, WebSphere Fabric foundation pack, WebSphere Business Monitor server, and WebSphere Dynamic Process Edition server. The WebSphere Dynamic Process Edition server includes a stand-alone or managed profile that includes WebSphere Business Services Fabric foundation pack, WebSphere Process Server, and WebSphere Business Monitor.

Server installation features

- Can be used to install a subset of the products
- Can create stand-alone development profiles for each of the products in the BPM portfolio
- Can launch the profile management tool when installation is complete

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In version 7.0, through the Installation Manager you are given the option to install all or a subset of the WebSphere Dynamic Process Edition server portfolio products including a stand-alone or managed profile for each. These profiles are also available in the profile management tool, including the new WebSphere Dynamic Process Edition profile.

Tool and testing pack

- Launch pad / Installation Manager based installation
- Tool and testing pack installations :
  - Single installation which offers the features of all the underlying products
    - WebSphere Integration Developer
    - Modeler advanced
    - Fabric tool pack
    - Monitor model editor
  - Products share Eclipse framework
  - Can be installed on top of an existing installation of any of the underlying products of the same version

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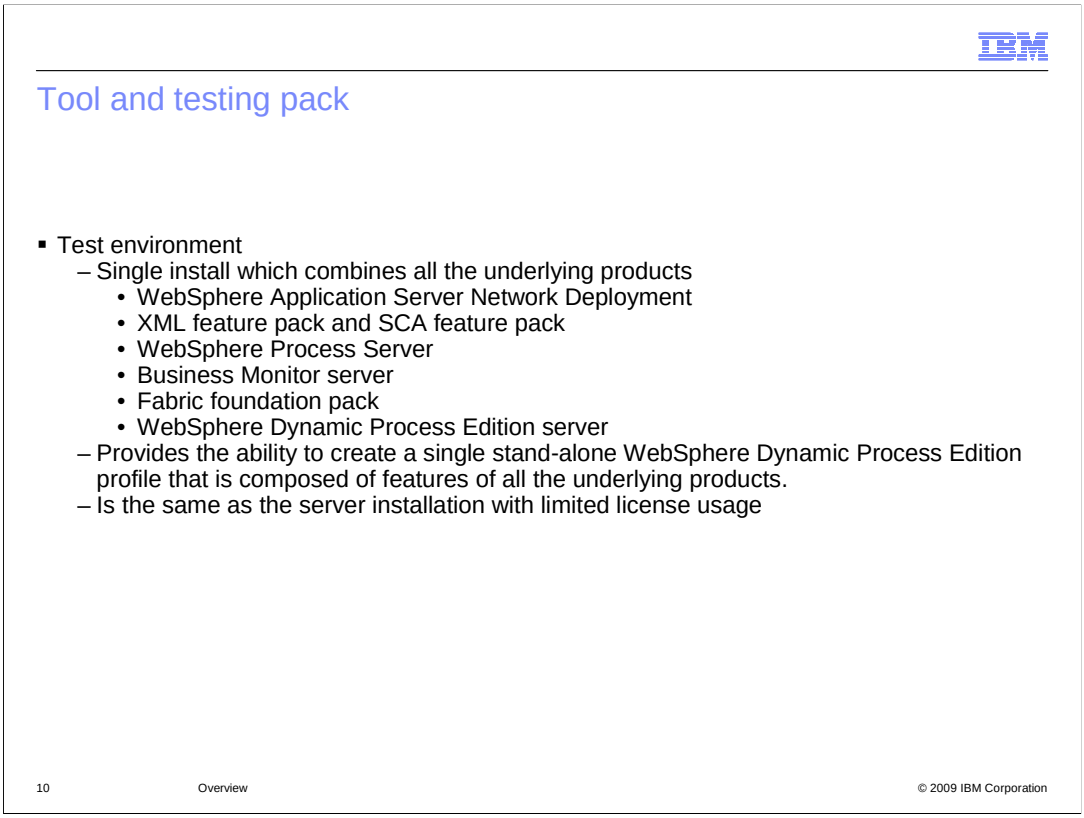
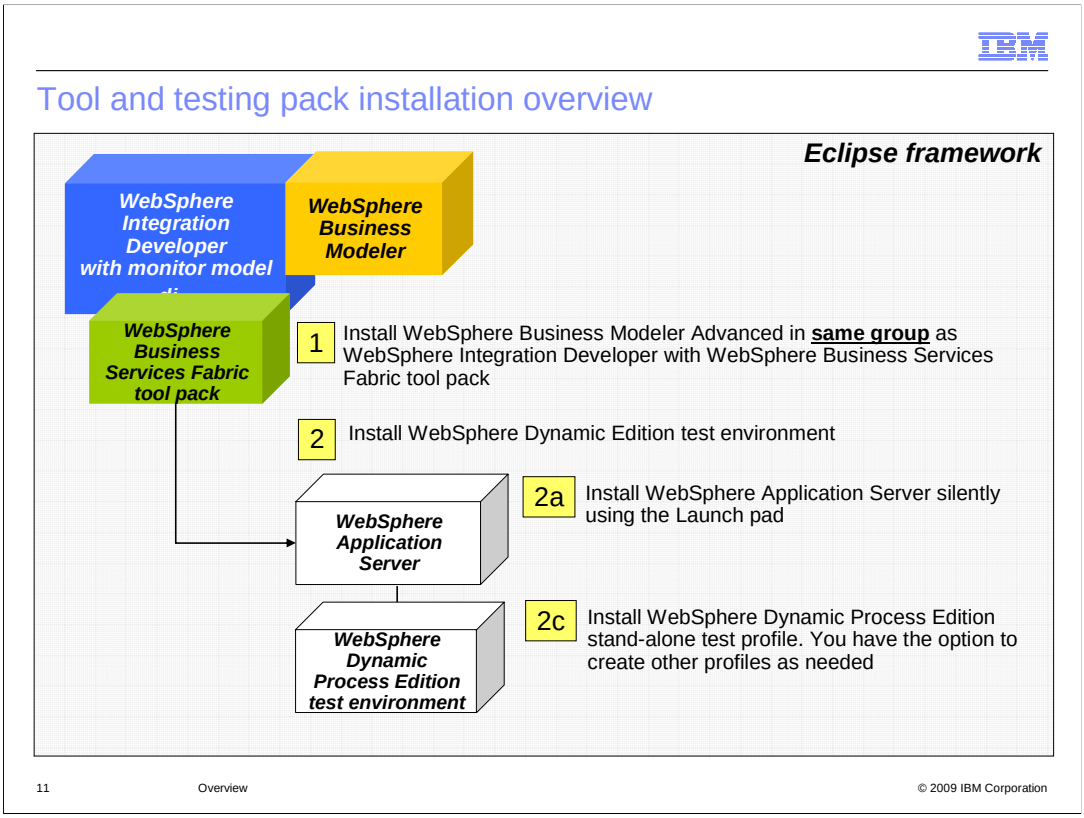
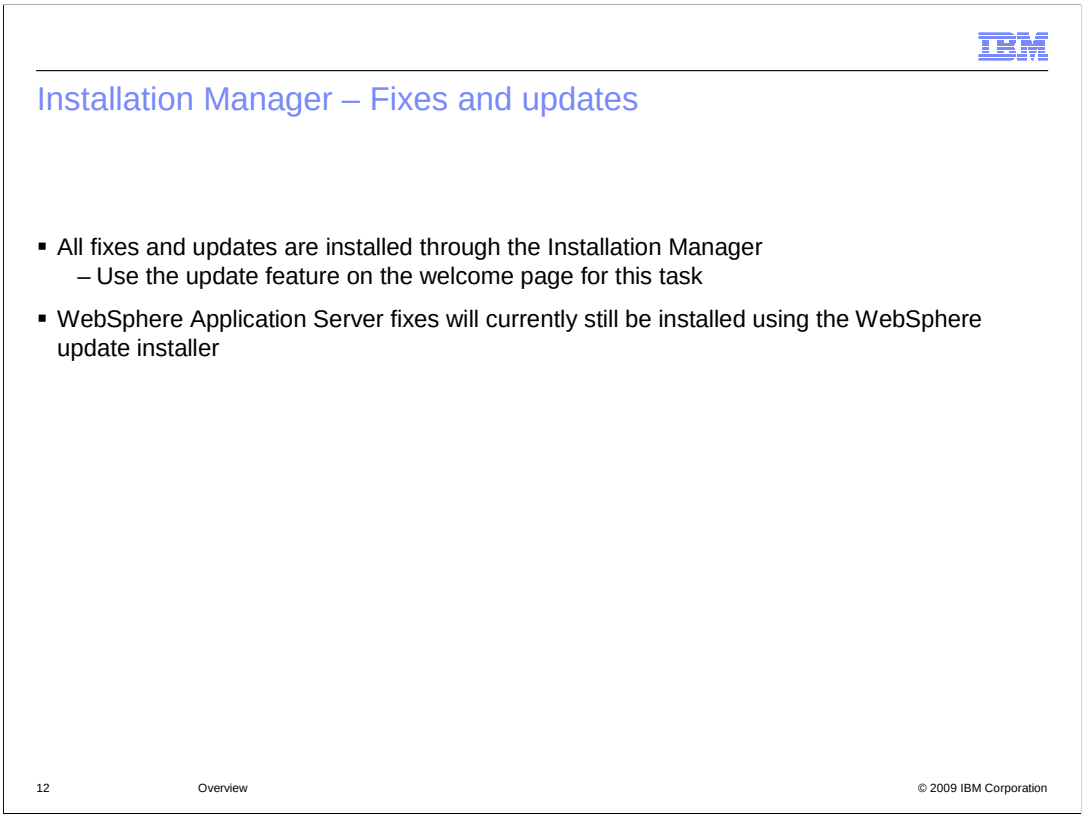
The WebSphere Dynamic Process Edition Tool and Testing Pack has been updated from version 6.2 to use the same methodology and tools for installation as the rest of the portfolio. This single one-stop installation provides the ability to install the entire set of development products. WebSphere Dynamic Process Edition Tool and Testing Pack installs a common Eclipse framework for WebSphere Integration Developer and WebSphere Business Modeler Advanced. You can also do the installation on top of existing products of the same version.



WebSphere Dynamic Process Edition Tool and Testing Pack also helps establish a WebSphere test environment that is the same as WebSphere Dynamic Process Edition server with a limited use license meant for only development purposes. The test environment by default will install a WebSphere Dynamic Process Edition server stand-alone profile, which provides complete end-to-end capability.



Similar to the WebSphere Dynamic Process Edition server, the installation begins with the launch pad and is a two step process. The first step is to install WebSphere Business Modeler Advanced and WebSphere Integration Developer with the WebSphere Business Services Fabric tool pack in the same installation group. The second step is to install the WebSphere Dynamic Edition test environment. This involves first installing WebSphere Application Server silently using the launch pad and then installing the WebSphere Dynamic Process Edition stand-alone test profile. You have the option to create other profiles as needed through the launch pad or profile management tool. These extra profiles will need to be manually imported into WebSphere Integration Developer if they need to be used as test environments.



WebSphere Dynamic Process Edition installation updates will help better manage future fixes and patches through the Installation Manager. However, there is a limitation in this release that WebSphere Application Server fixes will currently still be installed using the WebSphere Update Installer.

Information resources

- New WebSphere Dynamic Process Edition is now part of the WebSphere BPM information center

- Marketing material has been launched on the IBM Web site at
  - http://www.ibm.com/software/integration/wdpe/features/

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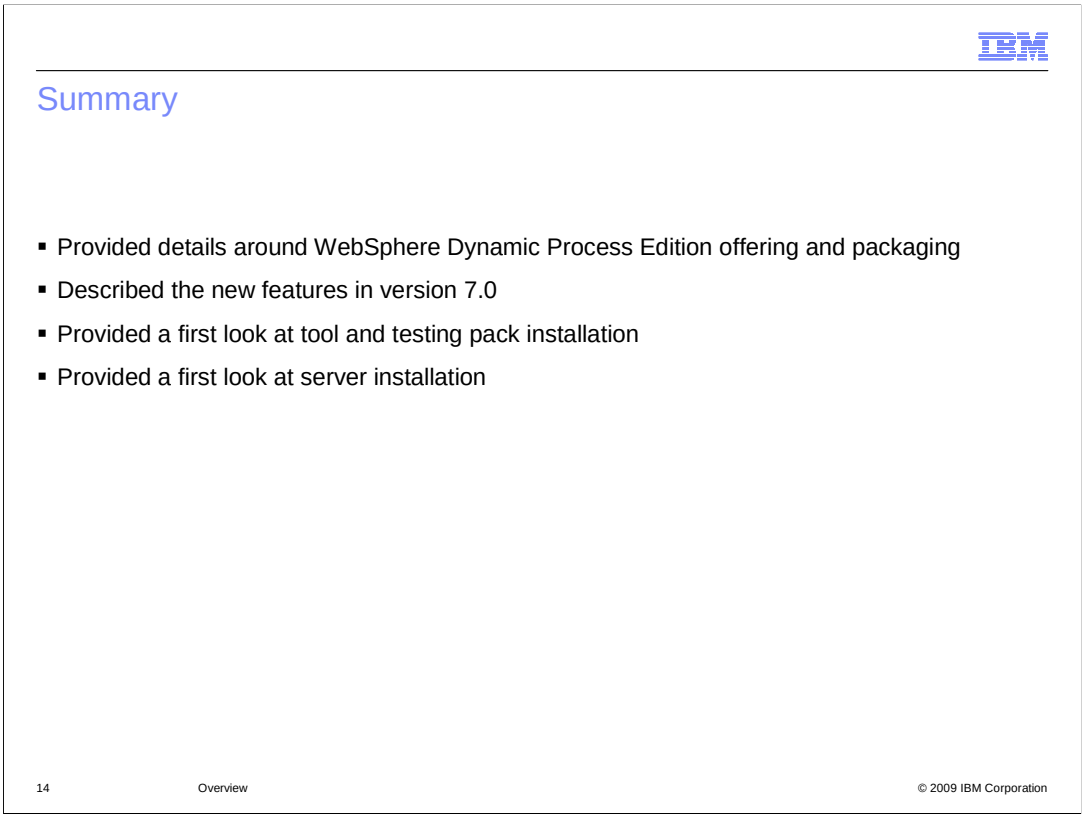
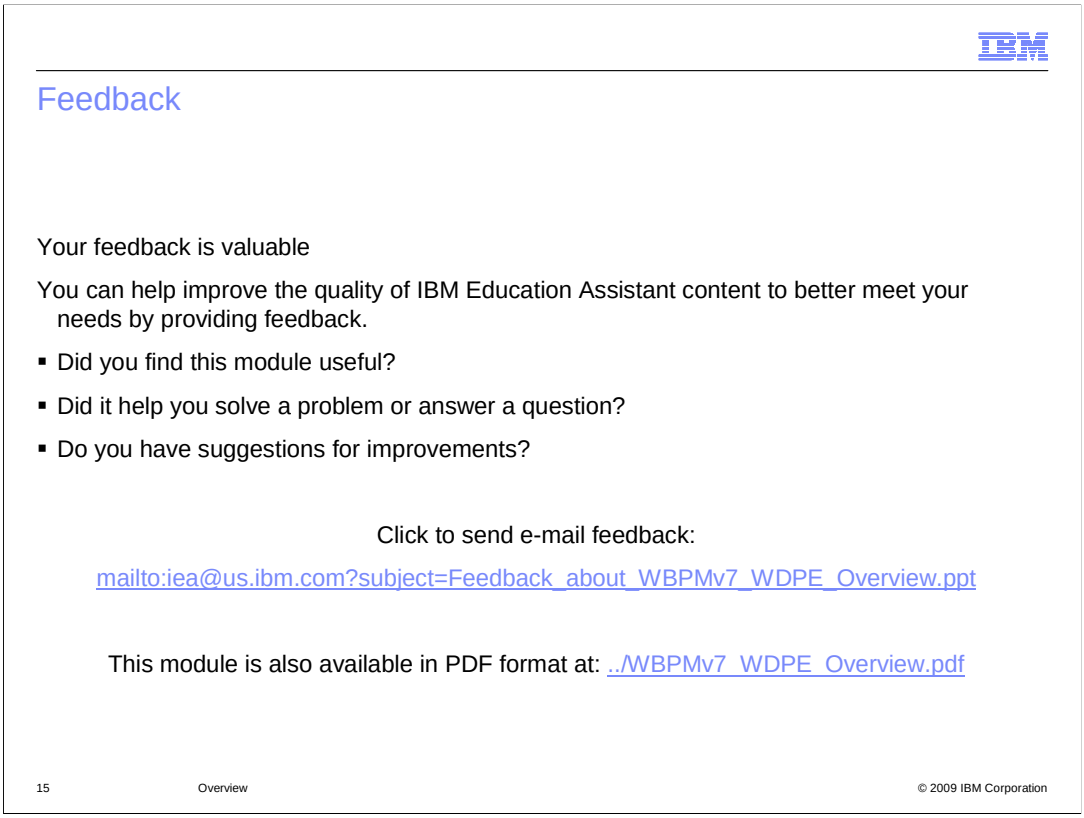
If you are looking for more information about WebSphere Dynamic Process Edition you can refer the IBM Web site at the link provided, or you can visit the new WebSphere Dynamic Process Edition information center.



This presentation provided details around the WebSphere Dynamic Process Edition offering and packaging. Then you took a closer look at new features of version 7.0 with an in-depth overview of WebSphere Dynamic Process Edition server and the WebSphere Dynamic Process Edition Tool and Testing Pack.



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