



Release Notes



Release Notes

Note

Before using this information and the product it supports, read the information in “Notices” on page 17.

This edition applies to version 3.6 of IBM FileNet Business Process Framework (product number 5724-R75) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Revision Log

Date	Revision
01/07/2009	Updated information about accessing FileNet documentation and contacting customer support to "About This Document."
10/31/2008	Added known issue under "BPF Web Application" for 744728 / PJ35213
06/23/2008	Added known issue under "BPF Web Application" for 391127 / PJ33709.
04/29/2008	Added known issue under "BPF Web Application" for 751814 / PJ33495.
04/21/2008	Added a known issue in "BPF Installation/Upgrade" for defect 753520 / PJ33699.
04/21/2008	Added a note to indicate manual procedure for Enhanced Pick List Display Behavior after upgrading from BPF-3.5.2 to BPF-3.6.0 is no longer necessary, as the process is now automated as a part of installing BPF-3.6.0-003 and above.
02/13/08	Revised "Synchronizing BPF and FileNet P8 JAR Files" section.
12/10/07	<p>Added new sections</p> <ul style="list-style-type: none">• Replacing Files for BPF after Installing P8 Platform Fix Packs• Accessing IBM FileNet Documentation, Compatibility Matrices, and Fix Packs <p>Added a known issue in "BPF Installation/Upgrade" for defect 743375 / PJ32531.</p> <p>Incorporates various changes throughout document to meet IBM requirements.</p>
12/14/06	Initial document posting.

What's New in 3.6

The IBM® FileNet® Business Process Framework 3.6 product release incorporates the following primary areas of improvement:

- Integration between BPF and eForms at the tab and toolbar level.
- Introduces a new BPF Layout Designer which permits site tailoring of the BPF Web Application user interface. This is the first step in moving toward a component driven UI permitting greater flexibility and control over the behavior and appearance of the BPF Web Application UI.
- Ease of Use improvements made to BPF Explorer. These include:
 - Multiple role support for Inbasket Configuration
 - Bulk changes to Inbasket Configurations via Inbasket Templates
- Streamlined BPF Installation Process to enable a broader set of FileNet field resources to install BPF.

Refer to the specific component help topics for more in-depth and detailed information. More extensive information about BPF 3.6 can also be found in the product documentation.

Accessing IBM FileNet documentation, Compatibility Matrices, and Fix Packs

To access documentation, compatibility matrices, and fix packs for IBM FileNet products:

1. Navigate to the Product Documentation for FileNet P8 Platform support page:
(<http://www.ibm.com/support/docview.wss?rs=3247&uid=swg27010422>).
2. Select a PDF or a Doc Link, whichever is appropriate.

Customer support

For information about contacting customer support:

1. Navigate to the FileNet Product Family support page:
(<http://www.ibm.com/software/data/content-management/filenet-product-family/support.html>).
2. Click **IBM FileNet Support Communications**, or search for a particular support topic under “Enter search terms”.

Installation/Upgrade/Support

Improved Installation Process

The Installation process has been improved to automate many manual steps.

Globalization / Localization Support

The BPF 3.6 release continues to support the deployment of BPF for both German and French language packs. No new language support has been added. The new BPF Layout Designer is localized in these files and supported via the language packs.

Extended Platform Support

The BPF 3.6 release provides support for the following new platforms:

- Oracle Application Server
- DB2®/PE support (with WebSphere®)
- Broader support for LDAP servers

Please review the updated Hardware and Software Requirements document for a complete description of platform support for BPF 3.6. To download this document from the IBM support page, see [Accessing IBM FileNet Documentation](#).

New Features

eForms Integration to BPF

This new feature provides integration to eForms in three key areas of BPF:

- eForms Case Creation Tool – Allows the user to create a new case where the case field information is supplied via an eForm.
- eForms Tab – Displays a form within a tab structure. This tab can be in addition to the case tab or replace it. All form field data will be synchronized with the case field data.
- Searching BPF eForms Cases – Provides for display a form associated with a case as a result of a BPF Search.

BPF Layout Designer

The BPF Layout Designer is a new visual design tool which permits the application architect to replace the default layout of the BPF Web Application user interface by creating new Layout Objects. Layouts are then assigned to one or more user Roles so that different layouts can be created for each role.

Multiple Role support in Inbasket Configuration

Prior to this release, the application architect was required to create an Inbasket Configuration for each combination of Role and task (or step) in BPF Explorer. The Inbasket Configuration now permits multiple roles to be identified reducing the overall number of configurations that needs to be defined.

Inbasket Templates

Inbasket Configurations can now be built upon Inbasket Templates in BPF Explorer. By defining an Inbasket Template with Inbasket attributes, new Inbaskets can be more quickly defined and changes to many Inbaskets can be made at one time, by changing the attributes of their base Inbasket Template.

Enhanced Pick List Display Behavior

The Inbasket Filters Properties dialog box has been updated in BPF 3.6 to include the new Pick list Display Behavior drop-down list box. Application developers can use this box to indicate how pick list items are to be presented to the user for an Inbasket Filter. A pick list item can be displayed using either its Code or its Description.

Previously, this behavior was achieved using the Use ID checkbox on either the Application Fields Properties dialog box or the Inbasket Filter Properties dialog box. These checkboxes have been removed from the dialog boxes in BPF 3.6.

In BPF 3.5.2, the Use ID functionality set the values of specific fields in the CASE_FIELDS and CUSTOM_FILTERS tables to 1. Therefore, if you are upgrading from BPF 3.5.2 to BPF 3.6, you should manually reset the values associated with these fields to 0 (zero). To reset the value, use either a SQL script or standard database administration tools for the specific RDBMS in which the Bp8Metastore resides.

The fields you must reset are:

- In the CASE_FIELDS table:
 - DB_REF
 - INDEX_REF
 - WORKFLOW_REF
- In the CUSTOM_FILTERS table:
 - REF

NOTE This manual procedure is unnecessary in BPF-3.6.0-003 and higher because the BPF Explorer Import feature automatically sets each of these fields to 0 when it imports a BPF configuration manifest. Running the Step3 SQL script as part of the upgrade process for BPF-3.6.0-003 and higher has the same effect as this manual procedure.

Documentation

Listed below is a summary of the changes made to the product documentation for BPF 3.6.

eForms Integration to BPF

This is a new document which supports the configuration and features available when integrating BPF with the FileNet eForms product.

BPF Web Application UI Guide

This is a new document which describes how to design, create and maintain BPF Layout objects using the BPF Layout Designer.

BPF Installation Guide

The BPF Installation Guide has been updated to reflect the new installation software and process. It also includes new sections for planning, upgrades, and validation.

BPF Localization Guide

No major updates have been introduced for BPF 3.6.

BPF Explorer Handbook

The BPF Explorer Handbook has been changed to include descriptions for the new Inbasket Templates and Roles Tab in the Inbasket Configuration.

BPF Performance Tuning Guide

No major updates have been introduced for BPF 3.6.

BPF Developers Guide

No major updates have been introduced for BPF 3.6.

Synchronizing BPF and FileNet P8 JAR Files

ATTENTION You must synchronize JAR files that are used by both BPF and the FileNet P8 Platform after

- Installing the BPF 3.6 software
- Installing any FileNet P8 Platform fix pack

BPF uses JAR files that are also used by Content Engine, Process Engine, and Application Engine. For BPF to function correctly, these JAR files must be consistent across the platform.

The BPF installer does **not** automatically synchronize and update the JAR files that BPF uses from other FileNet P8 applications. Therefore, to prevent problems that might arise if your FileNet P8 applications use different versions of these shared JAR files, you must manually synchronize the JAR files after you install the BPF software. In addition, you must synchronize the JAR files whenever you install a fix pack for Content Engine, Process Engine, or Application Engine.

BPF Web Application

To synchronize the shared JAR files, replace the JAR files in the BPF install and deploy locations with the appropriate new JAR files for each component as indicated in the following table.

NOTE If you are using eForms integration, refer to the latest BPF fix pack readme to determine if additional work is required to synchronize the versions of BPF and eForms that you want to use.

Component	JAR Files
Content Engine	javaapi.jar
Process Engine	pe.jar peResources.jar
Application Engine	mailapi.jar p8toolkit.jar soap.jar commons-fileupload-1.*.jar (see 1.c below)

You can find the new versions of these files in the Workplace WEB-INF\lib folder. By default the WEB-INF folder on the Application Engine is in the following location:

- C:\Program Files\FileNet\Workplace\WEB-INF\lib
- UNIX®: /opt/FileNet/Workplace/WEB-INF/lib

To replace the JAR files, complete the following steps:

1. Copy the required JAR files to the BPF install location. By default, the BPF installation location is
 - Windows®: C:\Program Files\FileNet\BPF
 - UNIX: /opt/FileNet/BPF
- a. p8toolkit.jar, javaapi.jar, pe.jar, peResources.jar, mailapi.jar, and soap.jar need to be copied from Workplace deploy folder/WEB-INF/lib to BPF deploy folder/WEB-INF/lib
- a. If the environment has P8AE-3.5.1-010 or higher, copy commons-fileupload-1.2.jar from the Workplace deploy folder/WEB-INF/lib to the BPF deploy folder/WEB-INF/lib and then delete the old commons-fileupload-1.0.jar

Depending on the options you selected when you installed BPF, the files might be installed as an EAR file or a WAR file, or in a folder structure. For instructions on copying the files for your configuration, see [Copy JAR Files to the BPF Install Location](#).

2. Copy the required JAR files to the BPF deployment location.

WebSphere

- Windows:
`<WebSphere_install_path>\AppServer\profiles\<profile_name>\installedApps\
<cell_name>\bpf.ear\bpf.war\WEB-INF\lib`
- UNIX:
`<WebSphere_install_path>/AppServer/profiles/<profile_name>/installedApps/
<cell_name>/bpf.ear/bpf.war/WEB-INF/lib`

WebLogic

- Windows: `C:\Program Files\FileNet\BPF\web\bpf\WEB-INF\lib`
- UNIX: `/opt/FileNet/BPF/web/bpf/WEB-INF/lib`

JBoss

- Windows: `<JBoss_install_path>\server\default\deploy\bpf.war\WEB-INF\lib`
- UNIX: `<JBoss_install_path>/server/default/deploy/bpf.war/WEB-INF/lib`

3. WebLogic only: Redeploy the BPF Web Application.
4. Restart the application server.

Copy JAR Files to the BPF Install Location

To copy the required JAR files to the BPF install location, follow the steps for your installation configuration:

- [BPF installed as an EAR file](#)
- [BPF installed as a WAR file](#)
- [BPF installed in a folder structure](#)

BPF installed as an EAR file

1. Copy the EAR file to a temporary folder. In this procedure, the temporary folder is assumed to be `c:\temp_ear`.
2. Open a command window.
3. Navigate to the `C:\temp_ear` folder and then run the following command to extract the WAR file and META-INF folder contents to the temporary folder:

```
jar -xvf bpf_app.ear
```

4. Delete the EAR file from the `C:\temp_ear` folder.
5. Copy the WAR file from the `C:\temp_ear` folder to another temporary folder. In this procedure, the second temporary folder is assumed to be `C:\temp_war`.
6. Navigate to `C:\temp_war` and then run the following command to extract the WAR file contents:

```
jar -xvf bpf_app.war
```

7. Delete the WAR file from the c:\temp_war folder.
8. Copy the JAR files from the WEB-INF\lib folder of the Application Engine to the C:\temp_war\WEB-INF\lib folder.
9. Rebundle the WAR file by executing the following command: `jar -cvf bpf_app.war *`
10. Copy the WAR file generated in the previous step from the c:\temp_war folder to the c:\temp_ear folder.
11. Rebundle the EAR file by executing the following command: `jar -cvf bpf_app.ear *`
12. Copy the EAR file into the BPF install file location.

BPF Installed as a WAR File

1. Copy the WAR file to a temporary folder. In this procedure, the temporary folder is assumed to be c:\temp_war.
2. Open a command window.
3. Navigate to c:\temp_war and then run the following command to extract the WAR file contents:

```
jar -xvf bpf_app.war
```
4. Delete the WAR file from the c:\temp_war folder.
5. Copy the JAR files from the WEB-INF\lib folder of the Application Engine to the C:\temp_war\WEB-INF\lib folder.
6. Rebundle the WAR file by executing the following command:

```
jar -cvf bpf_app.war *
```
7. Copy the WAR file back to the BPF install location.
8. Delete the WAR file from the c:\temp_war folder.

BPF Installed in a Folder Structure

Copy the JAR files from the WEB-INF/lib folder of the Application Engine over the files in the BPF WEB-INF/lib folder.

BPF_Operations

After Installing BPF Operations:

1. Ensure that the JDBC drivers JAR file have been downloaded and configured. Refer to the BPF Installation Guide for details.
2. Launch the Process Task Manager on the Application Engine.
3. Verify that the following JAR files are included under Required Libraries:

```
<BPF-Install-Root>\bpfops\bp8ciops.jar  
<BPF-Install-Root>\bpfops\lib\sqlJDBCdriver_stub.jar  
<BPF-Install-Root>\bpfops\lib\oracleJDBCdriver_stub.jar
```

The Required Libraries list must also include the following JAR files that are required by the underlying FileNet P8 installation:

```
<AE-Install-Root>\Workplace\WEB-INF\lib\p8ciops.jar  
<AE-Install-Root>\Workplace\WEB-INF\lib\mailapi.jar  
<AE-Install-Root>\Workplace\WEB-INF\lib\pe.jar  
<AE-Install-Root>\Workplace\WEB-INF\lib\xalan.jar
```

Known Issues

The following notes describe known issues and critical information for this release. Where applicable, each note includes the associated Defect Tracking System (DTS) number for reference and tracking purposes.

For an overview of 3.6 issues that have been fixed by a Service Pack, Fix Pack, or Interim Fix, see the appropriate readme.

As these known issues are fixed, a note will be appended at the end of the description (example: Fixed in BPF-3.6-000).

BPF Web Application

Defect ID	Description
744728 / PJ35213	<p>Getting NULL error while try to view the document under Attachment Tab when users log on to BPF using a fully qualified domain name in the URL and the one used for the Workplace integration servlet URL is not fully qualified (and the same server is being used for both).</p> <p>Specifically...</p> <ol style="list-style-type: none">1. If a user configures the Workplace integration URL with "xxx.ibm.com" in BPF Explorer, then they have to access BPF using the URL "xxx.ibm.com" as well.2. If a user configures the Workplace integration URL without "xxx.ibm.com" in BPFE, then either URL to access BPF is OK. <p>NOTE It is highly recommended to enter the server name as an IP address or unqualified server name (e.g. myserver), and not as a fully qualified server name (e.g. myserver.ibm.com). This is recommended because, if the server name in the URL is fully qualified, the BPF application URL specified in the browser must also be fully qualified.</p> <p>NOTE Removing the Workplace URL from the list of Trusted Sites can sometimes remedy this issue without any further changes.</p>
391127 / PJ33709	<p>The document viewer window opened in response to selecting the 'Open Document' BPF action (from the context menu raised by right-clicking on a BPF attachment) is not closed when case is closed. This problem only occurs when the document that is opened requires IE to invoke a 3rd party application (such as Microsoft Word, Excel or documents created by other Office applications, PDF, XML, etc.) in order for it to be displayed. Note that, when opened with a normal left-click on the attachment link itself, however, the document (regardless of MIME type) opens in the normal BPF viewer frameset window, which <i>does</i> close when the case is closed. So this issue is strictly confined to document viewer windows opened in response to selecting the 'Open Document' BPF action (from the context menu raised by right-clicking on a BPF attachment) only.</p>
751814 / PJ33495	<p>The Daeja Viewer crashes if you are using BPF with all-TIF/JPG content in GetNext mode and set AutoLaunchViewer to True on a Sun JRE-1.5.0_09 (client) system. This issue is caused by a bug in the Sun JRE 1.5.0_09 (b01 and b03) that could not be reproduced either in either JRE 1.4.2_07 or JRE 1.5.0_14.</p> <p>To resolve this problem, either downgrade to JRE 1.4.2_07 or upgrade to JRE 1.5.0_14.</p>

BPF Explorer

Defect ID	Description

BPF Layout Designer

Defect ID	Description

BPF Installation/Upgrade

Defect ID	Description
Upgrade Beaware	When upgrading from BPF 3.5.2 to BPF 3.6, the format of the Bp8Styles.css file has changed due to the new Layout Designer Tool. If you are using a custom styles file (Bp8CustomStyles.css), you will need to create a new Bp8CustomStyles.css file from the BPF 3.6 Bp8Sytles.css file, and add your style edits back in.
364405	If performing the manifest import of ce_cm.xml into the BPF Object Store manually from the CM Enterprise Manager, you may receive execution errors indicating that there are duplicate classes. This is only a warning and is due to the fact that some of the object classes being imported already exist as system objects. It can be ignored, and the import will work as expected.
743375 / PJ32531	After you install any fix pack for the Content Engine, Process Engine, or Application Engine, you must replace certain JAR files in the BPF install and deploy locations to ensure your BPF software continues to function correctly. For detailed information on replacing these JAR files, see Replacing Files for BPF after Installing P8 Platform Fix Packs .
753520 / PJ33699	The following problems occur when installing the BPF3.6GA software on Sun Solaris 9: <ul style="list-style-type: none"> The BPF installer puts colons (:) instead of semicolons (;) in the classpath configured in the /opt/FileNet/Router/taskman.properties file. To fix this problem, edit the taskman.properties file to change the semicolons in the classpath to colons, and then save the file. The BPF installer puts a forward slash (/) instead of a backslash (\) in the vwtaskman.xml file under /opt/FileNet/Router/. To fix this problem, edit the vwtaskman.xml to change the string \ to /, and then save the file.

Localization/Globalization

Defect ID	Description

Advanced Configuration / Developer Extensions

Defect ID	Description

Other Non-BPF Related

Defect ID	Description
363477 363466	When a custom page URL is registered in the Workplace InfoPages.xml for a custom object class, the query string parameters are stripped out. (Fixed in P8AE-3.5.1-007.)
eForms	There is a known eForms problem in the eForms Integration to BPF. If you make your eForm Template with a field that has the Hide option enabled, the field is showing on the Form (even though it should be hidden), but the field is disabled.

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