IBM® Tivoli® Workload Scheduler Job Scheduling
Console

Readme File for Fix Pack 1
PTF U816951

Version 8.4.0

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Contents

Chapter 1. IBM® Tivoli® Workload Scheduler Job Scheduling Console Fix Pack 01 for Version 8.4.0

Date   March 28, 2008

Fix Pack
> 8.4.0-TIV-TWSJSC-FP0001

PTF Number
> U816951

Product
> IBM® Tivoli® Workload Scheduler Job Scheduling Console Version 8.4.0

General Description
> IBM Tivoli Workload Scheduler Job Scheduling Console Fix Pack 01 for Version 8.4.0

This readme file provides important information about fix pack 1 for IBM Tivoli Workload Scheduler Job Scheduling Console version 8.4.0.

This readme file is the most current information for the fix pack and takes precedence over all other documentation for Tivoli Workload Scheduler Job Scheduling Console version 8.4.0 Fix Pack 1.

It is divided into the following sections:
- "About this fix pack"
- "Fix pack structure" on page 5
- "Installing the fix pack" on page 7
- "Documentation updates" on page 9

Review this section thoroughly before installing or using this fix pack.

About this fix pack

This section contains information specific for this fix pack including what has been modified or introduced, what has been fixed, product versions or components to which the fix pack applies and compatibility issues, if any.

Product versions and components to which the fix pack applies
> This fix pack can only be applied on top of Tivoli Workload Scheduler Job Scheduling Console 8.4.0.

This section includes the following subsections:
- "Problems fixed"
- "Known limitations and workarounds" on page 3
- "Internationalization notes" on page 3

Problems fixed

This section lists all APARs and internal defects solved by this fix pack. For additional information about documentation APARs and internal defects refer to subsection Documentation Updates.

List of APARs fixed:

- **IZ00694:** SUBMIT OF JOBSTREAM OF WORKSTATION THAT IS SET TO IGNORE TWS 8.3.
- **IZ00724:** THE INTERNAL FILTER STATUS INFORMATION IS LOST WHEN THE CUSTOMER LOGS OFF HER WORKSTATION FOR THE DAY.
- **IZ01052:** JSC HANGS WHEN TRACE LOGS ARE ACTIVATED AND MULTIPLE REFRESHES ARE EXECUTED.
- **IZ03158:** SORTING PROBLEMS ON DFAULT PLAN LIST - ALL SCHEDULED JOBS PANEL.
- **IZ03916:** JSC8.3 DOES NOT DISPLAY WHITE LINE ON SPECIFIED DAY BY ″FREE DAYS CALENDER″.
- **IZ06453:** JSC 8.3 HYPHEN PARSE ISSUE ON EXTERNAL JOB DEPENDENCY.
- **IZ06851:** LATE COLUMN IN ″ALL SCHEDULED JOBSTREAMS″ VIEW ALWAYS BLANK.
- **IZ07121:** LAST TIME A JOB RAN TIME STAMP IN DATABASE IS INCORRECT.
- **IZ07349:** ERROR AWSJCO026E IS SHOWED WHILE OPENING JOBSTREAM/JOB PROPERTIES SCREEN.
- **IZ07558:** JSC 8.3 - OPENING THE EXPLORER VIEW WITHIN A JOB STREAM
- **IZ08037:** PROBLEMS IMPORTING FILTERS FROM PREVIOUS VERSIONS OF JSC CLIENT CONSOLE TO JSC 8.3. THE IMPORTED FILTERS DO NOT WORK.
- **IZ09920:** ″FILTER FOR SCHEDULED TIME″ IS DISPLAYED AS 01:MM:SS, IF THE JSCMACHINE TIME IS ON 00:MM:SS.
- **IZ09933:** JSC FAILS TO START USING OTHER'S PREFERENCE.XML, IT THE FILE CONTAINS DBCS STRINGS.
- **IZ10774:** FILTERS ON JOB STREAMS IN THE PLAN.
- **IZ11260:** BACKUP MASTER UNABLE TO ACCESS TWS DATABASE.
- **IZ13009:** THE JOB VIEWS IN THE PLAN TREE HAVE INCORRECT COLUMN HEADINGS, THEY HAVE THE JOB STREAM HEADINGS.
- **IZ13165:** ″COLUMN FILTER″ FOR DATA IN ″HH:MM″ FORMAT DOES NOT WORK.
- **IZ13833:** VALID FROM DATE DISPLAYS INCORRECTLY IN JOBSTREAM VIEW.
- **IZ14976:** JSC 8.3 IN THE ″EXPLORER″ THE FIELD ″DESCRIPTION″ IS EMPTY.
- **IZ15056:** JSC 8.4 refresh is not refreshing the views
- **IY94109:** JSCUG: TWS Z/OS CONNECTOR INSTALL - DOCUMENTATION UPDATED TO BE UPDATED ON HOW TO SPECIFY LOCAL USERS IN WINDOWS

List of defects fixed:
- **37177:** JSC: dates shifted one day back every time you open a run cycle
- **37273:** Cannot add external job dependency with job that has extended name.

Known limitations and workarounds

The following are software limitations and workarounds that affect Tivoli Workload Scheduler Job Scheduling Console version 8.4.0 Fix Pack 1, they include the known limitations listed in the Release Notes® for version 8.4.0, if not fixed by this fix pack:

For installation:

- To connect a Job Scheduling Console 8.4 to a Tivoli Workload Scheduler master domain manager 8.3 fix pack 1, you need to install the PK47309 WAS patches on the master domain manager. (37302)

  This is a known problem due to WAS patches.

- The window displaying the installation summary displays the wrong disk space size. (37302)

- The window displaying the installation summary displays the wrong disk space size.

- During the installation process a warning message might be displayed for replacing the Java™ Virtual Machine. You must answer YES.

- Time zone bugs have been reported against Java 1.4.2 version 5 or greater level. 8.3.0-TIV-TWSJSC-FP0003 has been built using this level of Java to include the DST 2007 changes for US and Canada.

At runtime:

- Problem with follows dependencies when repeat range used. (IY96400)

  If you create a job stream containing jobs for which you specified a Repeat Range and follows dependencies between jobs, the follows dependencies are not correctly displayed in the Job Stream Instance Editor.

- z/OS engines not migrated correctly if default queries not used.

  When you migrate from feature levels 1.3 or 1.4, the z/OS® engines are migrated as distributed if in the previous version the default names for the queries had been left unchanged and no queries had been created. In this case you must create the z/OS engines again.

Internationalization notes

The following are software limitations and workarounds that affect the international versions of Tivoli Workload Scheduler Job Scheduling Console version 8.4.0 Fix Pack 1, they include the known limitations listed in the Release Notes for version 8.4.0, if not fixed by this fix pack:

- "Installing the Job Scheduling Console"
- "Using the Job Scheduling Console" on page 5

Installing the Job Scheduling Console

The following are software limitations that affect the installation of the international versions of IBM Tivoli Workload Scheduler Job Scheduling Console:

Patches required on HP-UX to view InstallShield dialogs

On HP-UX version 11iV1, the following patches are required to be able to correctly view the InstallShield installation dialogs in the related DBCS locales:

- PHSS_26971 Japanese TrueType fonts
- PHSS_26973 Korean TrueType fonts
- PHSS_26975 Chinese-S TrueType fonts
- PHSS_26977 Chinese-T TrueType fonts

- PHSS_31988 X Font Server Patch

The zh_CN.utf8 and zh_TW.utf8 locales are not supported for this product by the InstallShield installation method.

Incorrect warning message when running InstallShieldLanguage Pack installation on HP-UX

While launching the Language Pack InstallShield installation wizard on HP-UX, you might get the following message:

```
Warning! One or more of your selected locales are not available.
Please invoke the commands "locale" and "locale -a" to verify your
selections and the available locales.
Continuing processing using the "C" locale.
```

This message appears because the language is set to en_US by the InstallShield script launcher. However, it is the C locale that is installed on the system that is actually used. You should therefore ignore this message and continue with the process.

Language pack cannot be installed on IBM AIX® version 5.2 if path includes national characters

On IBM AIX version 5.2, installing the Job Scheduling Console in a path that includes national characters prevents installation of the language pack.

This is due to a problem in the InstallShield wizard. PMR OLAA6KWLG6 is now awaiting resolution by InstallShield.

As a temporary workaround, do not use national characters in the installation path for the Job Scheduling Console.

Language Selection Panel displayed in English when running Language Pack uninstallation on IBM AIX

When you launch the Job Scheduling Console or the Language Pack uninstallation wizard on IBM AIX systems, the Language Selection Panel is displayed in English and not in the locale of the operating system. The panels that follow are, however, displayed in the locale that you select.

This is due to a problem in the InstallShield wizard. PMR OLAA6L6GVU is now awaiting resolution by InstallShield.

BIDI characters are not supported by the interactive InstallShield wizard

As a workaround, use the silent installation wizard or a supported language in the interactive wizard.

National characters corrupted in title of French InstallShield wizard on Red Hat Linux®

On the French version of Red Hat Linux, version 3.0, national characters are corrupted in the title of the interactive InstallShield wizard.

As a workaround, use the silent installation wizard or a supported language in the interactive wizard.

National characters corrupted when running the interactive InstallShield wizard using X-Windows

When running the interactive InstallShield wizard using X-Windows, national characters might not display correctly. The incorrect display of characters is dependent on the version, operating sustem, and locale of the X-Windows system you are using.

This problem does not impact the correct working of the wizard.

Using the Job Scheduling Console

The following are software problems that affect how you use the international version of IBM Tivoli Workload Scheduler Job Scheduling Console:

Mnemonics missing for Presentation Services labels (21981)
> For the DBCS locales several mnemonics are missing for the Presentation Services labels. This might cause accessibility problems.

The internal links in the translated glossaries do not work properly.
> No workaround.

Help panel for External Commands Pick List window not available in non-English locales.
> The help panel for the External Commands Pick List window is not available in non-English locales.
>
> As a workaround, copy the English version (file tws_2017.htm) into the Help subdirectory of your language.

Fix pack structure

This subsection describes the structure of the images contained in this fix pack.

It is divided into the following topics:
- "Fix pack structure in the installation CDs"
- "Fix pack files available via FTP on Passport Advantage" on page 6

Fix pack structure in the installation CDs

This is the structure of the content of the six CDs contained in this fix pack:

```
+---8.4.0-TIV-TWSJSC-FP0001.README (this file)
+---8.4.0-TIV-TWSJSC-FP0001.VSR
+---JSC
|   +---Aix
|   |   |setup.bin
|   |   |
|   |   +---SPB
|   |           TWSConsole_FixPack.spb
|   |
|   +---HP
|   |   |setup.bin
|   |   |
|   |   +---SPB
|   |   |       TWSConsole_FixPack.spb
|   |
|   +---+---HPIA64
|   |   |setup.bin
|   |   |
|   |   +---SPB
|   |           TWSConsole_FixPack.spb
|   +---Linux
|   |   |   setup.bin
|   |   |
|   |   +---SPB
|   |           TWSConsole_FixPack.spb
|   |
|   +---Linux PPC
|   |   |   setup.bin
|   |   |
|   |   +---SPB
|   |   |       TWSConsole_FixPack.spb
|   |
|   +---Response_File
```

```
|     |   JSCFixPackinstallation.txt
|     |
|     |
|   +---Solaris
|     |       setup.bin
|     |
|     +---SPB
|     |           TWSConsole_FixPack.spb
|     |
|   +---Windows
|     |       setup.exe
|     |
|     +---SPB
|     |           TWSConsole_FixPack.spb
|     |
|   +---Maintainence_Java
|     |       setup.exe
|     |
|     +---SPB
|                 TWSConsole_FixPack.spb
+---DOC
    README.U815449.PDF
```

CD2 contains the JVM SPB and has the following structure:

```
+---JVM_CM
        JRE142_AIX.SPB
        JRE142_HP.SPB
        JRE142_I386NT.SPB
        JRE142_LINUX_I386.SPB
        JRE142_LINUX_PPC.SPB
        JRE142_SOLARIS.SPB
```

Fix pack files available via FTP on Passport Advantage

This is the structure of the fix pack on Passport Advantage®:

```
+---8.4.0-TIV-TWSJSC-FP0001.README (this file)
|
+---8.4.0-TIV-TWSJSC-FP0001.Aix
|       JSC_Aix.tar
|
+---8.4.0-TIV-TWSJSC-FP0001.HP
|       JSC_HP.tar
|
+---8.4.0-TIV-TWSJSC-FP0001.Linux
|       JSC_Lnx.tar
|
+---8.4.0-TIV-TWSJSC-FP0001.Linux PPC
|       JSC_Lnxppc.tar
|
+---8.4.0-TIV-TWSJSC-FP0001.Solaris
|       JSC_Solaris.tar
|
+---8.4.0-TIV-TWSJSC-FP0001.Windows
|        JSC_Win.zip
|
+---JVM_CM
        JRE142_AIX.SPB
        JRE142_HP.SPB
        JRE142_I386NT.SPB
        JRE142_LINUX_I386.SPB
        JRE142_LINUX_PPC.SPB
        JRE142_SOLARIS.SPB
```

Installing the fix pack

This section describes how to upgrade the Tivoli Workload Scheduler Job Scheduling Console version 8.4.0 to Fix Pack 1.

The section is divided into the following subsections:
- "Interoperability table"
- "Disk space requirements"
- "Installation methods"
- "Installing using the ISMP wizard" on page 8
- "Installing using the ISMP silent installation" on page 9
-

Interoperability table

Tivoli Dynamic Workload Console version 8.4.0 Fix Pack 1 supports all product versions indicated in the Tivoli Dynamic Workload Console version 8.4.0 Release Notes and, in addition to that it supports also the following:
- Tivoli Workload Scheduler version 8.4.0 Fix Pack 1
- Tivoli Workload Scheduler version 8.3.0 Fix Pack 4
- Tivoli Workload Scheduler z/OS connector version 8.3.0 Fix Pack 4

The following instances of Job Scheduling Console versions can be run concurrently on the same workstation:
- Version 8.4.0, 1.3
- Version 8.4.0, 1.4
- Version 8.4.0, 8.2.X
- Version 8.4.0.01, 1.3
- Version 8.4.0.01, 1.4
- Version 8.4.0.01, 8.2.X

The following instances of Job Scheduling Console versions are mutually exclusive on the same workstation:
- Version 8.4
- Version 8.4.0.01
- Version 8.3.X

Disk space requirements

Before starting the fix pack installation in undoable mode, make sure you have at least 200 MB of free space in the root/Administrator home directory for the installation backup.

Installation methods

When you use the graphical installation or the command line installation you can perform one of the following actions:
- Apply the Fix Pack in "undoable" mode
  - This action allows you to go back using the roll back action to the previous fix pack.
- Roll back an undoable Fix Pack
  - This action allows you to roll back to the previous level

- Commit an undoable Fix Pack
  - This action does not allow you to roll back the Fix Pack
- Repair an already committed Fix Pack.
  - This action allows you to restore an existing Tivoli Workload Scheduler instance to the current committed level when a problem arises with a binary.

Depending on the Fix Pack installation state, you can perform the action as shown below:

Initial state	Action	Final State	Final State GA Pack
-	apply	IU	ICH
IU	commit	IC	-
IU	roll back	-	IC
IC	repair	IC	-

where:
- IU = installed undoable
- IC = installed and committed
- ICH = Installed, committed and hidden

If you have a Tivoli Workload Scheduler Job Scheduling Console Fix Pack installed in ″undoable mode″ (IU state) on your machine and you are applying a more recent Tivoli Workload Scheduler Job Scheduling Console Fix Pack on it, all the changes that you have made when installing the previous Tivoli Workload Scheduler Job Scheduling Console Fix Pack will be committed before applying the newer ones. Therefore, if you undo the Fix Pack you last installed, you will restore the previous Fix Pack changes. These changes are permanent.

Installing using the ISMP wizard

Note: Before installing the fix pack, create a backup copy of the Job Scheduling Console preferences file located inside the .twsconsole directory.

Follow these steps to install the fix pack using the wizard:
1. Choose one of the following:
   - Insert the CD that is related to your operating system;
   - Download the specific TAR or ZIP file for the operating system and unpack it. If you are installing on a UNIX® operating system run the following command:

     chmod -R 755 <imagesDir>
2. Depending on the type of operating system run:

   On Windows®:
           setup.exe

   On UNIX:
           ./setup.bin

   to start the wizard and follow the instructions provided on the screen. When required, select the instance of Tivoli Workload Scheduler Job Scheduling Console on which you are installing the fix pack.
3. The installation starts.

4. Click **Finish** to complete the installation.

Installing using the ISMP silent installation

An alternative way to use the graphical installation is the silent installation. The silent installation requires the customization of a response file. A sample response file is available on all CDs, in the `ResponseFiles` directory.

Run the following command from the path were the SETUP file is located to start the installation in silent mode:

- **On Windows:**

  `setup.exe -options JSCFixPackinstallation.txt -silent`

- **On UNIX:**

  `./setup.bin -options JSCFixPackinstallation.txt -silent`

where `JSCFixPackinstallation.txt` is the full path name of the response file you customized with your environment settings.

Table 1 lists the keywords you can set the `-W beanActionsPanel.selectedAction` parameter to custom the response file to your needs:

Table 1. Parameters

KEYWORKD	SCENARIO
APPLY	Install an undoable Fix Pack
ROLLBACK	Roll Back an undoable Fix Pack
COMMIT	Commit an undoable Fix Pack
APPLY_AND_COMMIT	Repair an installed and committed Fix Pack
	Notes:
	1. This action is available only when you install a fix pack. It is not available on General Availability (GA) versions.
	2. This action is available only from the installation wizard. It is not available via response file.

Documentation updates

These are the fixes for the documentation APARs and internal defects that are made available.

They apply to the following documentation:

IBM Tivoli Workload Scheduler Job Scheduling Console version 8.4 User's guide - (SC32-1257-07)

> **IY94109**
>
> > In ″Chapter 4. Planning and installing the z/OS connector″, section ″Installing the z/OS connector″, the description of the Step 7 have been replaced by the following:
> >
> > Specify the user name and password of the *TWSuser* for which you are installing the connector.
> >
> > When installing in a Windows domain,

- If the specified user does not exist it is created with the permission necessary to work with Tivoli Workload Scheduler.
- If the *TWSuser* is a local user it must be specified in the form *hostname\username*, otherwise if you supply only the *username* the z/OS connector installation considers it as a user domain.

Click **Next**.

IZ10959

In ″Chapter 50. Managing distributed job stream instances in the plan″, section ″Cancelling a job stream instance″ add the following sentence before the ″For more information″ sentence in the first paragraph:

```
If you cancel a job stream instance that contains jobs with a repeat range, only the
```

35439 In ″Chapter 29. Creating job streams, section ″Creating distributed job streams″ subsection ″Time Restrictions page″ replace the description of the **Time Zone** field with the following description:

Time Zone

This is a read only field that displays the time zone you selected in the General page. All the time restrictions are expressed using this time zone. For information about enabling the time zone, refer to the *IBM Tivoli Workload Scheduler: Planning and Installation Guide.*

35789 The text of the following error message:

```
AWSBHU039E You have issued a command containing an incorrect argument keyword
           The acceptable keywords  for this command are as follows:
           NEEDS,OPENS,PROMPT,FOLLOWS,AT,UNTIL,EVERY,PRIORITY,PRI,CONFIRMED,
           RECOVERY,INTO,RECOVERYJOB,AFTER,ABENDPROMPT,RECOVERYPROMPT,NOASK,
           INTERACTIVE,ONUNTIL,DEADLINE,RCCON  DSUCC
```

was corrected by excluding INTERACTIVE from the list of acceptable keywords. In fact, you cannot set a job as interactive when you submit it to the plan.

Chapter 2. Contacting IBM Software Support

Before contacting IBM Software Support with a problem, refer to the IBM Software Support site by accessing the following Web address:

http://www.ibm.com/software/support

To access Tivoli support, click the Tivoli support link at the bottom right of the page.

If you want to contact IBM Software Support, see the *IBM Software Support Guide* at the following Web site:

http://techsupport.services.ibm.com/guides/handbook.html

The guide provides information about how to contact IBM Software Support, depending on the severity of your problem, and the following information:

- Registration and eligibility.
- Telephone numbers, depending on the country in which you are located.
- Information you must have before contacting IBM Software Support.

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