Instructions for upgrading to IBM Mashup Center 1.1

Contents

Chapter 1. Instructions for upgrading to IBM Mashup Center 1.1

These instructions describe how to upgrade to IBM Mashup Center 1.1 from either IBM Mashup Center 1.0. or 1.0.0.1.

Contents

Note: For the most up-to-date information about upgrading and migrating, see Migrating data and upgrading from IBM Mashup Center V1.0 to V1.1 in the IBM Mashup Center wiki.

Chapter 2. General instructions

To upgrade to IBM Mashup Center version 1.1:

1. Determine the version of Mashup Center that you have installed. You can confirm the version that is installed by looking in the following log file: `C:\Program Files\IBM Mashup Center\version.txt`

2. Download and apply the appropriate fixpack packages:

Your current version	Fixpacks to apply
IBM Mashup Center 1.0.0.1	Fixpack for version 1.1
IBM Mashup Center 1.0	Fixpack for version 1.0.0.1 and Fixpack for version 1.1 **Note:** If you have IBM Mashup Center version 1.0, IBM Support Fix Central will list both of the fixpacks so that you can download them at one time. There is no need for you to download the fixpacks separately.

3. You obtain the fixpack packages from the IBM Support Fix Central Web site at http://www.ibm.com/support/fixcentral.

   a. From the Product family list, select either **Information Management** or **Lotus**.

   b. From the Product list, select **IBM Mashup Center**.

   c. From the Installed Version list, specify the version of IBM Mashup Center that you currently have installed.

   d. From the Platform list, specify the operating system that you have IBM Mashup Center installed on.

   e. You will be asked to login to Fix Central. If you do not already have a userid and password for Fix Central, you can register directly from the site to obtain a userid and password.

4. Download the fixpacks.

5. Follow the steps below for installing the fixpacks.

Chapter 3. Cluster configurations

If you have a cluster configuration, you must:

1. Stop each server and each node agent in the cluster.
2. Run the installation steps on each of the node separately.
3. In the future, if you need to add more nodes to the cluster, apply the fixpack to those nodes after synchronization.

Chapter 4. Installing the fixpack for 1.0.0.1

You should install fixpack 1.0.0.1 before you install fixpack 1.1. If you already have installed fixpack 1.0.0.1, you can ignore this step.

Read the readme file for this fixpack on the IBM Mashup Center wiki site at http://www-10.lotus.com/ldd/mashupswiki.nsf/dx/fixpacks

To install this fixpack:

1. Verify that the WebSphere Application Server is shutdown.
   a. Open the Services list. For example, select **Start** → **Control Panel** → **Administrative Tools** → **Services**.
   b. Open the Service entry for **IBM WebSphere Application Server V6.1** *node-name*.
   c. If the Service status is Started, click the **Stop** button and wait for the status to indicate that the server is Stopped.

      Note: If the WebSphere Application Server is already stopped and you click the **Stop** button, the process attempts to stop the server and will display a message similar to the following error if the server is already stopped:

      ```
       [exec] ADMU0509I: The server "server1" cannot be reached.
      It appears to be stopped.
       [exec] ADMU0211I: Error details may be seen in the file:
       [exec] C:\Progs\IBM_MashupCenter\mm_profile\logs\server1\
      stopServer.log
      ```

2. In the IBM Mashup Center root directory, create a directory named fixes if the fixes directory does not already exist.
3. Move the mashupcenter1001.pak fixpack file to the IBM Mashup Center\fixes directory.
4. Move the updatemashup.bat and updatemashup.xml files to the IBM Mashup Center root directory.

   Note: If you have a cluster configuration, you must run the updatemashup fixpack steps on each node separately.

5. Open a command prompt window. For example **Start** → **Run** → **cmd**
6. In the command prompt window, change to the IBM Mashup Center root directory. For example: cd C:\Progs\IBM_MashupCenter
7. In the command prompt window type updatemashup.bat *MashupCenter1001,* where *MashupCenter1001* is the name of the fixpack file. The update runs automatically. See the example output below.
8. Start the server. You can validate that the fixpack was installed successfully by accessing the key features in both Lotus Mashups and IBM Mashup Hub.

Example output:

```
C:\Program Files\IBM Mashup Center>updatemashup MashupCenter1001
Buildfile: updatemashup.xml

update:
     [echo] Root Directory is: C:/Program Files/IBM Mashup Center/mm
     [echo] Fix number is: MashupCenter1001
     [exec] ADMU0116I: Tool information is being logged in file
```

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```
                C:\Program Files\IBM Mashup
     [exec]          Center\mm_profile\logs\server1\stopServer.log
     [exec] ADMU0128I: Starting tool with the mm_profile profile
     [exec] ADMU3100I: Reading configuration for server: server1
     [exec] ADMU0509I: The server "server1" cannot be reached.
It appears to be stopped.
     [exec] ADMU0211I: Error details may be seen in the file:
C:\Program Files\IBM Mashup
     [exec]          Center\mm_profile\logs\server1\stopServer.log
     [exec] Result: -10

     [copy] Copying 62 files to C:\Program Files\IBM Mashup Center\
fixes\backup\MashupCenter1001\Config
     [copy] Copying 2636 files to C:\Program Files\IBM Mashup Center\
fixes\backup\MashupCenter1001\mm
     [copy] Copying 4455 files to C:\Program Files\IBM Mashup Center\
fixes\backup\MashupCenter1001\Hub
     [copy] Copied 736 empty directories to 1 empty directory under
C:\Program Files\IBM Mashup Center
               \fixes\backup\MashupCenter1001\Hub
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001.pak into
               C:\Program Files\IBM Mashup Center\fixes\MashupCenter1
pre-update:
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001.pak into
               C:\Program Files\IBM Mashup Center\fixes\MashupCenter1
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001.pak into
               C:\Program Files\IBM Mashup Center
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001.pak into
               C:\Program Files\IBM Mashup Center\fixes\MashupCenter1
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001.pak into
               C:\Program Files\IBM Mashup Center\fixes\MashupCenter1
   [delete] Deleting 1 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.core.runtime
   [delete] Deleting 25 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.osgi
   [delete] Deleting 3 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.update
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001\mashuphub-update.zip into
               C:\Program Files\IBM Mashup Center\HuMashup Hub.ear

post-update:
     [copy] Copying 3 files to C:\Program Files\IBM Mashup Center\
fixes\backup\MashupCenter1001\configuration
    [unjar] Expanding: C:\Program Files\IBM Mashup Center\mm\eclipse\
plugins\com.ibm.mm.framework.proxy_1.0.0.jar
               into C:\Program Files\IBM Mashbackup\MashupCenter1001\
proxyconfig
   [delete] Deleting 1693 files from C:\Program Files\IBM Mashup Center\
mm\eclipse\plugins
   [delete] Deleted 348 directories from C:\Program Files\IBM Mashup
Center\mm\eclipse\plugins
    [unzip] Expanding: C:\Program Files\IBM Mashup Center\fixes\
MashupCenter1001\mashupWAS61.zip into
               C:\Program Files\IBM Mashup Center\mm
     [move] Moving 1684 files to C:\Program Files\IBM Mashup Center\mm
     [copy] Copying 3 files to C:\Program Files\IBM Mashup Center\mm\
eclipse\configuration
      [jar] Updating jar: C:\Program Files\IBM Mashup Center\mm\
eclipse\plugins\com.ibm.mm.framework.proxy_1.0.0.jar
   [delete] Deleting 1 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.core.runtime
```

```
    [delete] Deleting 6 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.osgi
    [delete] Deleting 3 files from C:\Program Files\IBM Mashup Center\
mm_profile\configuration\org.eclipse.update

BUILD SUCCESSFUL
Total time: 1 minute 58 seconds
```

Chapter 5. Installing the fixpack for 1.1

You must install fixpack 1.0.0.1 before you install fixpack 1.1.

Read the IBM Mashup Center version 1.1 release notes on the IBM Mashup Center wiki site at http://www-10.lotus.com/ldd/mashupswiki.nsf/dx/release-notes

To install this fixpack:

1. Verify that the WebSphere Application Server is shutdown.
   a. Open the Services list. For example, select **Start** → **Control Panel** → **Administrative Tools** → **Services**.
   b. Open the Service entry for **IBM WebSphere Application Server V6.1** *node-name*.
   c. If the Service status is Started, click the **Stop** button and wait for the status to indicate that the server is Stopped.

      Note: If the WebSphere Application Server is already stopped and you click the **Stop** button, the process attempts to stop the server and will display a message similar to the following error if the server is already stopped:

      ```
       [exec] ADMU0509I: The server "server1" cannot be reached.
      It appears to be stopped.
       [exec] ADMU0211I: Error details may be seen in the file:
       [exec] C:\Progs\IBM_MashupCenter\mm_profile\logs\server1\
      stopServer.log
      ```

2. In the IBM Mashup Center root directory, create a directory named fixes if the fixes directory does not already exist.

3. Move the mashupcenter11.pak fixpack file to the IBM Mashup Center\fixes directory.

4. Move the updatemashup.bat and updatemashup.xml files to the IBM Mashup Center root directory.

5. Open a command prompt window. For example **Start** → **Run** → **cmd**.

6. In the command prompt window, change to the IBM Mashup Center root directory. For example: cd C:\Progs\IBM_MashupCenter

7. In the command prompt window type updatemashup.bat *MashupCenter11*, where *MashupCenter11* is the name of the fixpack file. The update runs automatically. See the example output below.

8. If you migrated the Catalog to a either IBM DB2 Database for Linux, UNIX, and Windows, or IBM Informix Dynamic Server, you must update the database schema. Refer to the IBM Mashup Center version 1.1 release notes on the IBM Mashup Center wiki site at http://www-10.lotus.com/ldd/mashupswiki.nsf/dx/release-notes

9. If you migrated a Lotus Mashups server that is connected to a DB2 Database, update the database schema by applying the SQL commands in the IBM Mashup Center\Config\dbscripts\DB2\SchemaExtensionForV11.sql file.

10. Start the server.

11. To upgrade Lotus Mashups pages, go to the administration interface at http://<servername>:<port>/mum/administration and run the steps **Migrate Data** and **Migrate Hub**. You can also run the **Publish Widgets** task to add the version 1.1 widgets to the Catalog.

Note: You should backup your file system either by copying the file tree to a backup or using system backup tools. Additionally, you should backup your database by using the DB2 or Informix data backup tools before you migrate the database.

12. Restart the server. This will clean the cache and refresh the catalog list.

13. You can validate that the fixpack was installed successfully by accessing the key features in both Lotus Mashups and InfoSphere Mashup Hub.

When you install fixpack version 1.1, you might receive the following error message:

```
[wsadmin] OSError: [Errno 0] No such directory:
C:/Program Files/IBM Mashup
Center/fixes/MashupCenter11/ears/mm/mm_ear
```

This error occurs when step 4 is skipped. To recover from this error, move the updatemashup scripts from version 1.1 into the IBM Mashup Center root directory. Then repeat steps 5 through 7 again.

Example output:

```
Buildfile: updatemashup.xml

update:
     [echo] Root Directory is: C:/ProgramFiles/TestInstalls/
MCenter081021/mm
     [echo] Fix number is: MashupCenter11
     [exec] ADMU0116I: Tool information is being logged in file
     [exec]           C:\ProgramFiles\TestInstalls\MCenter081021\
mm_profile\logs\server1\stopServer.log
     [exec] ADMU0128I: Starting tool with the mm_profile profile
     [exec] ADMU3100I: Reading configuration for server: server1
     [exec] ADMU0509I: The server "server1" cannot be reached.
It appears to be stopped.
     [exec] ADMU0211I: Error details may be seen in the file:
     [exec]           C:\ProgramFiles\TestInstalls\MCenter081021\
mm_profile\logs\server1\stopServer.log
     [copy] Copying 62 files to C:\ProgramFiles\TestInstalls\
MCenter081021\fixes\backup\MashupCenter11\Config
     [copy] Copying 2201 files to C:\ProgramFiles\TestInstalls\
MCenter081021\fixes\backup\MashupCenter11\mm
     [copy] Copying 6528 files to C:\ProgramFiles\TestInstalls\
MCenter081021\fixes\backup\MashupCenter11\Hub
     [copy] Copied 895 empty directories to 4 empty directories under
               C:\ProgramFiles\TestInstalls\MCenter081021\fixes\
backup\MashupCenter11\Hub
    [unzip] Expanding: C:\ProgramFiles\TestInstalls\MCenter081021\
fixes\MashupCenter11.pak into
               C:\ProgramFiles\TestInstalls\MCenter081021\fixes\
MashupCenter11\plugin

pre-update:
     [copy] Copying 3 files to C:\ProgramFiles\TestInstalls\
MCenter081021\fixes\backup\MashupCenter11\configuration
    [unzip] Expanding: C:\ProgramFiles\TestInstalls\
MCenter081021\fixes\MashupCenter11.pak into
               C:\ProgramFiles\TestInstalls\MCenter081021\fixes\
MashupCenter11\plugin

pre-update:
    [unzip] Expanding: C:\ProgramFiles\TestInstalls\MCenter081021\
fixes\MashupCenter11.pak into
               C:\ProgramFiles\TestInstalls\MCenter081021

...
```

```
    [exec]    [wsadmin] Config Dynamic Cache for services/cache/
mmmsRegion was successful

    [exec] BUILD SUCCESSFUL
    [exec] Total time: 6 minutes 25 seconds

    [exec] C:\ProgramFiles\TestInstalls\MCenter081021>cd /d
C:\ProgramFiles\TestInstalls\MCenter081021\Config\

    [exec] C:\ProgramFiles\TestInstalls\MCenter081021\Config>set
WAS_ANT_CLASSPATH=lib\dbt.jar;lib\dbupdate.jar;
          lib\engine.jar;lib\parser.jar;lib\wkplc.misc.jar;lib\
wkplc.tools.jar;lib\wp.config.jar;lib\mm.config.jar

    [exec] C:\ProgramFiles\TestInstalls\MCenter081021\Config>
call ..\AppServer\bin\ws_ant.bat -f config.xml
          -listener org.apache.tools.ant.XmlLogger
-Dplatform.script.ext=bat action-config-hub-upgrade
    [exec] Buildfile: config.xml
    [exec]      [echo] Root Directory is use: C:/ProgramFiles/
TestInstalls/MCenter081021/mm

    [exec] action-config-hub-upgrade:
    [exec]      [java] 17:10:53,775 (main) ERROR [DBHelper]
SQL Exception: Database 'C:/ProgramFiles
                       /TestInstalls/MCenter081021/Hub/installedApps/
Mashup Hub.ear
                       /mashuphub-enterprise.war\\hubdb' shutdown.,
SQLState = 08006, ErrorCode = 45000

    [exec] BUILD SUCCESSFUL
    [exec] Total time: 8 seconds

BUILD SUCCESSFUL
Total time: 15 minutes 5 seconds
```