



## Hotfix 2.20 - 005

**For:** aXes 2.20  
**Issued:** Jul 30, 2014  
**Prerequisite:** **2.20.003**

You should confirm before applying:

Start an aXes-TS session and use the Help -> About menu options. The resulting display must show version number 2.20.005 for this hotfix to be validly applied.

**Includes & Supersedes:**

**None**

**Fixes/enhancements in this hotfix:**

CCS/CTS	Description
<b>2.20.005</b>	
150839	Removes properly the user device entry from a DSPW state during the aXes session termination.
150893	Fixes "PGM-AXES5250" ending when someone tried to log in to aXes session with "CCSID=1399"
151115	Fixes aXes TS2 - input value into a field for subfile not behaving correctly (TS1 OK)
151424	Fixes an issue where the server randomly stops and needs to be restarted
151473	Fixes the loading problem in a previously activated TS2 tab page in the aXes framework.
151741	Fixes Background-color does not change when the item of subfile uses DDS keyword.
152027	Fixes Characters in field of long bytes are garbled.(in DBCS 2 <sup>nd</sup> line of a multi-line text field is garbled)
152128	Fixes size limitation for posted data (when post data is more than 7055 bytes it gets truncated which causes a data mismatch error)

## Pre-installation instructions – IFS files and AXES Library Objects

1. Ensure that aXes is not in use and make a backup of the aXes IFS files (1a) and the aXes library objects (1b) listed below according to your usual backup procedures.

A possible backup strategy before applying this hotfix could be

**1a)** save the entire aXes IFS directory structure as follows:

**SAV DEV('/qsys.lib/qgpl.lib/xxxxx.file') OBJ('/<AXES folder>')**

where xxxxx is an existing save file in QGPL and <AXES folder> is the IFS directory for the version of aXes the hotfix is to be applied to.

**1b)** Rename existing service programs in <axeslib> library (typically named AXES)

**RNMOBJ OBJ(<axeslib>/ AXESTS) OBJTYPE(\*PGM) NEWOBJ(AXESTSX)**

**RNMOBJ OBJ(<axeslib>/ AXESW3) OBJTYPE(\*PGM) NEWOBJ(AXESW3X)**

**RNMOBJ OBJ(<axeslib>/ AXES5250 OBJTYPE(\*PGM)  
NEWOBJ(AXES5250X)**

**RNMOBJ OBJ(<axeslib>/ AXCOMMON OBJTYPE(\*SRVPGM)  
NEWOBJ(AXCOMMONX)**

### Note Carefully:

Never backup existing extension definition files by copying or renaming existing files in the screens folder so that the backed up file names are still prefixed Extension\_. Such file copies will remain in the system as valid extensions and may cause namespace duplication(s) that interfere with the proper execution of the replacement extension.

2. Extract the files from aXes\_220\_Hotfix\_005.zip to a local windows temp folder. Two files will be extracted:  
AXESHF005.savf – for changed/new IFS objects  
AX220HF005.savf – for changed programs
3. FTP the save files (ax220hf005.savf & axeshf005.savf) to the server where aXes is installed and you want to apply this patch.

```
FTP host-system
user-profile
password
quote site namefmt 1
cd /QSYS.LIB/QGPL.LIB
bin
prompt
mput AX*.savf
```

## Installation Instructions – IFS files and AXES Library Objects

Step	Actions to be taken
1	Stop all aXes servers
2	Restore object(s) from the <i>ax220hf005</i> save file to the <axeslib> library .... <b>RSTOBJ OBJ(*ALL) SAVLIB(QTEMP) DEV(*SAVF) SAVF(AX220HF005)</b>

	<p><b>RSTLIB(&lt;axeslib&gt;)</b></p> <p>Edit Object Authority to *PUBLIC *CHANGE.</p> <p><b>EDTOBJAUT OBJ(&lt;axeslib&gt;/AXESTS) OBJTYPE(*PGM)</b>  <b>EDTOBJAUT OBJ(&lt;axeslib&gt;/AXESW3) OBJTYPE(*PGM)</b>  <b>EDTOBJAUT OBJ(&lt;axeslib&gt;/AXES5250) OBJTYPE(*PGM)</b>  <b>EDTOBJAUT OBJ(&lt;axeslib&gt;/AXCOMMON) OBJTYPE(*SRVPGM)</b></p>
3	<p>Restore object(s) from the <i>axeshf005</i> save file to the <i>&lt;axes folder&gt;</i> on the IFS ....</p> <p><b>RST DEV('/qsys.lib/qgpl.lib/AXESHF005.file') OBJ('/AXESHF005'  *INCLUDE '/&lt;AXES folder&gt;')) ALWOBJDIF(*ALL)</b></p>
4	<p>Repeat steps 2 -&gt; 3 for any additional aXes server instances that you have created.</p>
5	<p>Start the aXes servers to (re)load the updated cached script file versions and to load the program updated versions.</p>
6	<p>Clear the user browser caches to pick up the changed file(s).</p>
7	<p>After a series of test has confirmed this hotfix, delete the backup service program versions and the hotfix save files:</p> <p><b>DLTPGM PGM(&lt;axeslib&gt;/ AXESTSX )</b>  <b>DLTPGM PGM(&lt;axeslib&gt;/ AXESW3X)</b>  <b>DLTPGM PGM(&lt;axeslib&gt;/ AXES5250X )</b>  <b>DLTSRVPGM SRVPGM((&lt;axeslib&gt;/ AXCOMMONX )</b></p> <p><b>DLTF FILE(QGPL/AX220HF005)</b>  <b>DLTF FILE(QGPL/AXESHF005)</b></p>

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