Hotfix 2.20 - 003

For: aXes 2.20
Issued: Jan 10, 2014
Prerequisite: **None**

You should confirm before applying:
Start an aXes-TS session and use the Help -> About menu options. The resulting display must show version number 2.20.000, 2.20.001 or 2.20.002 for this hotfix to be validly applied.

Includes & Supersedes:

Hotfix 2.20.001, 2.20.002

Fixes/enhancements in this hotfix:

CCS/CTS	Description
2.20.003	
150693	Mobile.html is used to access aXes on mobile devices but didn't work on some devices. This has been fixed.
150684	Using aXes TS2 session with no customization and clicking a menu item, the clicked menu number was incorrectly put into more than 1 input field. This has been fixed.
150593	Using QuickPick menus, on some browser versions, when you move over an image, the axQuickpick menu appeared displaced from the image, instead of next to the image or just under the image. This has been fixed.
150402	After successfully using the utility to Save a project, when you try to restore this project, even though you get a successful restore message, the restore can fail and the saved project isn't restored. This has been fixed.
150296	Enhancement for aXes to allows passwords greater than 10 characters to be accessed by the aXesTS login without the status bar producing the message "Too many characters entered. Must be no more than (10)". This has been fixed.
150172	When customizing a screen and selecting all objects by dragging from the top left to the bottom right screen, the mouse cursor was not in line with the selection window. As a result this prevented all elements from being selected. This has been fixed.
150005	In TS2 the default field height in V2.20 was different to previous versions. This has been fixed.

CCS/CTS	Description
149835	With the 'limitedcursorsupport ' property set to True, the cursor was being positioned incorrectly when selecting items using the cursor. This has been fixed.
149452	After opening a browser and creating a framework definition in the aXes framework wizard, it wasn't possible to add a navigation item with a TS2 session URL from another domain, publish the framework definition and click the link. This has been fixed.
149330	Unchecking the autoGUI option 'Replace option number with image' caused the selected option number to remain on the command line of the next screen. This has been fixed.
148967	Fixed an issue where the value of a checkbox is lost when using the checkbox extension in a subfile and you scroll down the list using a scroll bar.
148943	When using IE9, after making a selection by checking a radio button and pressing Enter, the radio button became 'unchecked'. This behavior only occurred using TS2 in IE9. This has been fixed.
148688	With the aXes property "Replace option number with image" unticked, clicking on a numbered row in a subfile with a DDS scroll bar wasn't passing the row number to any fields handling the option selected. This has been fixed.
2.20.002	
150131	The VLF .Net Exit button was not reliably ending RAMP 5250 sessions when the user Exits the VLF.Net using the Exit button. 5250 sessions started in RAMP during the VLF.Net login process are remaining orphaned and are retaining their record locks. This has been fixed.
2.20.001	
149892	Connecting to RPG programs using aXes-Robot would fail because of an incorrect version of a file. This has been fixed.
149889	Attempting to change the appearance of a subfile using the Subfile Enhancer extension wasn't fully functional as some Subfile Enhancer properties could not be changed from the default. This has been fixed.
149627	Tables data did not display in TS2 in Extensions Tutorial 6 - Dynamic Tables. This has been fixed.
149614	Using IE8 or IE9, WS2 & DE2 could not be started from the menu bar in TS2. This has been fixed.
149693-95	Function key panel features a new extension and autoGUI options.

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>/axrestore*) **OBJTYPE(*PGM) NEWOBJ(axrestorex)**
   RNMOBJ OBJ(*<axeslib>/axbackup*) **OBJTYPE(*PGM) NEWOBJ(axbackupx)**

   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_003.zip to a local windows temp folder. Two files will be extracted:
   AXESHF003.savf – for changed/new IFS objects
   AXPGMPATCH.savf – for changed BACKUP and RESTORE programs

3. FTP the save files (axpgmpatch.savf & axeshf003.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 *axpgmpatch* save file to the *<axeslib>* library .... **RSTOBJ OBJ(*ALL) SAVLIB(QTEMP) DEV(*SAVF) SAVF(axpgmpatch) RSTLIB(<axeslib>)** Edit Object Authority to *PUBLIC *CHANGE. **EDTOBJAUT OBJ(*<axeslib>*/axrestore) OBJTYPE(*PGM)** **EDTOBJAUT OBJ(*<axeslib>*/axbackup) OBJTYPE(*PGM)**

3	Restore object(s) from the *axeshf003* save file to the *\<axes folder\>* on the IFS …. **RST DEV('/qsys.lib/qgpl.lib/AXESHF003.file') OBJ(('/AXESHF003' *INCLUDE '/\<AXES folder\>')) ALWOBJDIF(*ALL)**
4	Repeat steps 2 -> 3 for any additional aXes server instances that you have created.
5	Start the aXes servers to (re)load the updated cached script file versions and to load the program updated versions.
6	Clear the users browser caches to pick up the changed file(s).

7	After a series of test has confirmed this hotfix, delete the backup service program versions and the hotfix save files:
	    DLTPGM PGM(*\<axeslib\>/axrestorex*)
	    DLTPGM PGM(*\<axeslib\>/axbackupx*)
	    DLTF FILE(QGPL/AXPGMPATCH)
	    DLTF FILE(QGPL/AXESHF003)

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