SHARE Pittsburgh 2014

High Level Assembler and Toolkit

Recent changes

Session 16150

HLASM - Recent APARs

PM49761 - Supports zEC12 new instructions - ZSERIES-6

- http://www.ibm.com/support/docview.wss?uid=isg1PM49761

PM59337 - This APAR introduces support for Conditional Sequential V type address constants

- http://www.ibm.com/support/docview.wss?uid=isg1PM59337 and http://www.ibm.com/support/docview.wss?uid=isg1PM74898
- Requires zOS 1.13 Binder
- http://www.ibm.com/support/docview.wss?uid=swg21598283 for notes and example program
- **PM66334** - HLASM now supplies an exit ASMAXTXP and sample program ASMASTXP to validate constraints for the new transactional memory instructions at assembly time
- http://www.ibm.com/support/docview.wss?uid=isg1PM66334

HLASM - Recent APARs

PM73486 - Performance improvement for global SET symbol lookups

- http://www.ibm.com/support/docview.wss?uid=isg1PM73486

PM75959 - New summary line added to SYSPRINT and SYSTERM indicating the number of assemblies and the highest return code when more than one assembly is performed

- http://www.ibm.com/support/docview.wss?uid=isg1PM75959

PM86821 - New zEC12 instruction – PPNO

- http://www.ibm.com/support/docview.wss?uid=isg1PM86821

PM84549 – Storage shortage error message improvement.

HLASM now prints details of the opcode/macro currently being processed, together with the backward chain of macros included

- http://www.ibm.com/support/docview.wss?uid=isg1PM84549

HLASM - Recent APARs

PM91668 - The SPKA instruction operand is often incorrectly specified resulting in a change to an incorrect Program Status Word (PSW) key. HLASM now prints a warning messages:

- ASMA221W SPKA specifies a non-zero base register and a displacement value
- ASMA222W SPKA operand contains bits ignored by the instruction. Key n will be used

See www.ibm.com/support/docview.wss?uid=isg1PM91668

PM95959 – New FAIL option. Helps identify assemblies which end with low return codes.

- Further documented at

http://www.ibm.com/support/docview.wss?uid=swg21661210 and
http://www.ibm.com/support/docview.wss?uid=isg1PM95959

HLASM - Recent APARs

PI10515 – Specifying BLKSIZE of zero for SYSIN or SYSPUNCH now uses system determined block sizes. HLASM used to set the BLKSIZE to 80

- http://www.ibm.com/support/docview.wss?uid=isg1PI10515
- For more information on system-determined block sizes, see 'System-Determined Block Size' in DFSMS Using Data Sets SC26-7410-11

HLASM – APARs – just closed or about to close

PM97635 – HLASM will support comment in ASMAOPT file - donated by a an '*' on column one. ASMAOPT and comments will now be printed in the listing

- See www.ibm.com/support/docview.wss?uid=isg1PM97635

PI06694 – Increase to SETC limit – from 1024 to 4064

- Wait for www.ibm.com/support/docview.wss?uid=isg1PI06694

PI08741- MAXERRS – terminate assemble after nnnn errors

- See www.ibm.com/support/docview.wss?uid=isg1PI08741

PI12174 – HLASM for Linux on System z extended to support BATCH assembler option

- See www.ibm.com/support/docview.wss?uid=isg1PI12174

HLASM – APARs – just closed or about to close

PI11621 – HLASM added service options. Used as advised by HLASM Support team

- See www.ibm.com/support/docview.wss?uid=isg1PI11621

PI13274 – Statement in error is printed with SPRAWARN

- See www.ibm.com/support/docview.wss?uid=isg1PI13274

PI17455- Enhance CNOP to allow a boundary value up to 4096

- Wait for www.ibm.com/support/docview.wss?uid=isg1PI17455

PI18326 – Location counter may be incorrect after message ASMA500W is issued

- See www.ibm.com/support/docview.wss?uid=isg1PI18326

HLASM – APARs – just closed or about to close

PI07400 – HLASM Service – missing ADDCONs

- See www.ibm.com/support/docview.wss?uid=isg1PI07400

PI05388 – SUPERC abend reading VSAM records > 64K

- See www.ibm.com/support/docview.wss?uid=isg1PI05388

PM90235- SUPERC abend processing uninitialised datasets

- See www.ibm.com/support/docview.wss?uid=isg1PM90235

PM98134 – SUPERC has high CPU usage if DPLINE and is used

- See www.ibm.com/support/docview.wss?uid=isg1PM98134

PM96851 – SUPERC treats VSAM warning message as an error

See www.ibm.com/support/docview.wss?uid=isg1PM96851

HLASM – And finally

Documentation can be found at:

- http://www.ibm.com/software/awdtools/hlasm/library.html
- Updates published last year - September 2013

Look for our **technotes** – go google 'hlasm technotes'

Improvements and corrections to our documentation are always welcome – go read

- www.ibm.com/support/docview.wss?uid=swg21595123

Requirements for HLASM can be submitted via the web – go read

- www.ibm.com/support/docview.wss?uid=swg21577670