

ACSUUEX2 - ACCESS Read-Intercept Exit

ACSUUEX2 is a user-written routine that normally passes the data on to the target system; it can, however, also bypass the target system and invoke ACSUUEX1, the write-intercept exit, in order to produce a response to the user's input. The routine ACSUUEX2 can also be used to initiate commands to the host operating system, for example, CMS/CP commands.

This chapter covers the following topics:

- How to Create ACSUUEX2
 - How to Use ACSUUEX2
 - ACSUUEX2 Conventions
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How to Create ACSUUEX2

To create a ACSUUEX2 routine, the following steps are required:

Step 1

Code the ACSUUEX2 routine entry of ACSEXITS (A.ACSEXITS for VSE, or ACSEXITS ASSEMBLE for CMS).

Step 2

Assemble and link ACSEXITS (A.ACSEXITS for VSE) into the ACCESS load library (relo library for VSE). For MVS and VSE, have the ACCESS source library referred to during assemblies. Or for CMS only, assemble ACSEXITS with the ACCESS macro library referenced.

Step 3

Link edit ACSEXITS (A.ACSEXITS for VSE) to the ACCESS driver for the host Adabas TPF, CICS, or TSO system. Member JCLLINKA (A.JCLLINKA for VSE) in the ACCESS source library contains the link edit JCL for all TP monitors supported. Or for CMS only, execute the EXEC GENACS.

How to Use ACSUUEX2

Members CCACSWK and CCACSPFX in the distributed source library are DSECTS referred to in the main ACCESS routine. These areas are addressable in the ACSUUEX2 exit. A skeleton entry is provided in member ACSEXITS (A.ACSEXITS for VSE) of the ACCESS source library.

ACSUUEX2 Conventions

The following table summarizes the ACSUUEX2 linkage conventions.

Feature	Convention
Attributes	None required.
Size	Restricted to the ACS driver region.
Registers at Entry	<p>Register 0 Input length.</p> <p>Register 1 Address of the input area</p> <p>Register 6 Address of the ACCESS prefix</p> <p>Register 9 Address of the ACCESS work area</p> <p>Register 10 Main ACCESS driver base address</p> <p>Register 13 Address of an 18-fullword save area</p> <p>Register 15 Entry address within ACSUUEX2</p>
Registers at return	All registers must be restored.
Return Codes	<p>0 Continue with read.</p> <p>4 Tell target node to rewrite the screen.</p>
Considerations	Must be assembled and link edited with the ACS driver.