
Subject: ACTION! plea, once again
Posted by [Anonymous](#) on Mon, 10 Mar 1986 13:31:24 GMT
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Originally posted by: ajb@MITRE.ARPA (Alan Broder)

Article-I.D.: mitre.8603101331.AA19883
Posted: Mon Mar 10 08:31:24 1986
Date-Received: Wed, 12-Mar-86 05:39:35 EST
Sender: daemon@ucbvax.BERKELEY.EDU
Organization: The MITRE Corp., Washington, D.C.
Lines: 27

I'm reposting this due to Net problems reported to me by SRI.

I'm trying this request for help one more time. My first request yielded no responses...

I need to know several things about advanced programming in ACTION! :

- 1) Is it possible to "chain" ACTION! programs (load in and execute a new program at termination of first program).
- 2) Is it possible to invoke the ACTION! compiler from within a program. (lets say that I have a source file on disk and I wish to have a program invoke the compiler to compile the file from disk into memory). All you probably need is the entry point that the ACTION! monitor calls when you type the "C" command; as well as knowing where this routine expects to find the file name.
- 3) Is there some magical document that explains the above and other mysteries (e.g. symbol table format ...)

Please (!!!!!!!) reply with ANY information to me at the following address.

Alan J. Broder
ajb@mitre.arpa
(703)883-5614 (office - voice)

Subject: Re: ACTION! plea, once again
Posted by [Anonymous](#) on Fri, 21 Mar 1986 19:39:04 GMT

Originally posted by: langdon@lll-lcc.UUcp (Bruce Langdon)

Article-I.D.: lll-lcc.201

Posted: Fri Mar 21 14:39:04 1986

Date-Received: Sat, 22-Mar-86 23:22:43 EST

References:

Organization: Lawrence Livermore Labs, LCC, Livermore Ca

Lines: 69

Summary: CHAIN.ACT, from OSS

In article , ajb@MITRE.ARPA (Alan Broder) writes:

- > I need to know several things about advanced programming in ACTION! :
- >
- > 1) Is it possible to "chain" ACTION! programs (load in and
- > execute a new program at termination of first program).

The following is from the OSS bulletin board, (408) 446-3451.
It may require use of their DOS XL. I haven't tried it.

Bruce Langdon L-472 langdon%lll-lcc@lll-crg.ARPA
Physics Department "langdon#bruce%d"@lll-mfe.ARPA
Lawrence Livermore National Laboratory
Livermore, CA 94550 (415) 422-5444
UUCP: ..{gymble,ihnp4,seismo}!lll-crg!lll-lcc!langdon

; Chain - ACTION! program loader
; by Mark Rose - February, 1985

```
PROC LoadFile=*( BYTE x )
  CARD goAddr  = $2E2,
    startAddr = $6F0,
    endAddr   = $6F2
  BYTE rtn     = $6F4

[
  $0A $0A $0A $0A $AA $A9 $60 $8D
  rtn $A9 $80 $8D goAddr $A9 $06
  $8D goAddr+1 $A9 $F0 $A0 4 $9D
  $344 $A9 $06 $9D $345 $98 $9D
  $348 $A9 0 $9D $349 $A9 7 $9D
  $342 $20 $E456 $10 3 $6C goAddr
  $AD startAddr $C9 $FF $D0 23 $4D
  startAddr+1 $D0 18 $AD endAddr
  $8D startAddr $AD endAddr+1 $8D
```

```

startAddr+1 $A9 $F2 $A0 2 $D0 $C4
$AD endAddr $38 $ED startAddr $9D
$348 $AD endAddr+1 $ED startAddr+1
$9D $349 $FE $348 $D0 3 $FE $349
$AD startAddr $9D $344 $AD
startAddr+1 $9D $345 $A9 7 $9D
$342 $20 $E456 $10 $8F $98
$4C Error
]
PROC LoadEnd=*( )

```

```

PROC Chain( BYTE ARRAY fileName )
  Close( 1 )
  Open( 1, fileName, 4, 0 )
  MoveBlock( $600, LoadFile, LoadEnd-LoadFile )
  LoadFile( 1 )
RETURN

```

```

; From your ACTION! program, call the
; procedure Chain with the name of
; the ACTION! program to which you
; want to chain as the parameter.
; For example,
; Chain( "D:NEXTPROG.COM" )
; would cause "NEXTPROG.COM" to be
; run as a binary file. The desired
; file MUST have been written to disk
; using the "W" command from the
; ACTION! monitor.

```

MODULE