

XEP 80 Driver for X-Forth#

General Information

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Language: FORTH
Compiler/Interpreter: X-Forth
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This version also works with enhanced 40 Column E: Handler as well as with Software 80 Column Handler (F80.COM, only under BEWE-DOS)

Have fun

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How to use#

How to build XFORTH with custom E: Handler driver:

XEP80.F This file adds commands to XFORTH to patch the current E: handler vector into XFORTH (CHOUT, \$3772 ff.).

Step 1: launch XFORTH.ORG. XFORTH.ORG is a special version of XFORTH without startup banner.

Step 2: Include XEP80.F -> INCLUDE" D:XEP80.F"

Step 3: Save new XFORTH -> INCLUDE" D:MKFRTH.F"

Step 4: Test new XFORTH

```
( PATCH XFORTH E: Handler )
```

HEX

```
: GETEHAND ( get address of )
      ( current E: Handler )
  22 0 DO
    33B I - C@
    45 = IF
      33C I - @ THEN
    3 +LOOP ;

: CHADR ( get address of )
      ( CHOUT Routine )
  ' MON 36 + ;

: PATCHE ( Patch XFORTH )
  GETEHAND 6 + DUP 1+
  CHADR !
  CHADR 4 + ! ;

: XEP80 ( Autostart command )
  PATCHE
  44 ' C/L ! 4F 53 C!
  7D EMIT CR
  ." X-FORTH 1.1c 040412/cs" CR
```

```
." XEP80 Driver" CR CR  
." OK" CR  
QUIT ;
```

DECIMAL