Session 2 - Decompiler output in noForth

(january 2018)

For these five commands:
press space bar to get the next line,
press <enter> or any other key to exit.

Load this definition

```
: test ( n -- )
   1 and
   if ." Odd"
   else ." Even"
   then space ; immediate
```

noForth C and V

```
see test
   1    2    3    4       ← columns
   E8D4 x    C178 --- FORTH TEST imm. ( : )
   E8D6        3 #1
   E8D8      C8FC AND
   E8DA      8809 IF +> E8E4
   E8DC v    D376 ( ." )
   E8DE  O   4F03 #2781
   E8E0 dd   6464
   E8E2  x   7809 AHEAD +> E8EC
   E8E4 v    D376 ( ." )
   E8E6  E   4504
   E8E8 ve   6576
   E8EA n    FF6E
   E8EC      D014 SPACE
   E8EE R    C152 ( ; )
   1    2    3    4       ← columns
```

```
MSEE ( addr -- )      \ Decompile
: SEE ( <name> -- ) ' msee ;
MDAS ( addr -- )      \ Disassemble
: DAS ( <name> -- ) ' @ mdas ;
DMP  ( addr -- )      \ Dump without count
```

noForth CC and VV

```
see test
   1    2    3    4       ← columns
   EAB6 x    C178 --- FORTH TEST imm. ( : )
   EAB8      C118 ( LITERAL )
   EABA         1
   EABC      C9AC AND
   EABE j    C26A ( IF )
   EAC0      EACC
   EAC2      D4CA ( ." )
   EAC4  O   4F03
   EAC6 dd   6464
   EAC8      C288 ( AHEAD )
   EACA      EAD4
   EACC      D4CA ( ." )
   EACE  E   4504
   EAD0 ve   6576
   EAD2 n    FF6E
   EAD4 J    D14A SPACE
   EAD6 P    C150 ( ; )
   1    2    3    4       ← columns
```

column 1 = address
column 2 = content, seen as 2 characters (if printable)
column 3 = content, seen as a 16 bit unsigned number
column 4 = noForth interpretation

(ccc) means: this is compiled by or defined with ccc

header:

EAB6 x   C178 --- FORTH TEST imm. (:)

    ----- means: this is a Code Field
    FORTH vocabulary (only noForth V or VV)
    TEST   name of the word
    (:) means: defined with :

E8D6   3 #1
    3 represents the number 1 (needs only one cell)
E8DA   8809 IF +> E8E4
    Conditional jump forward to E8E4 (needs only one cell)
E8DC v   D376 (.")
    Compiled by ."   (Count + inline string follow)