

Forth addresses in COMMACODE

It is not a good idea to have absolute addresses of variables, values, subroutines, etc. in commacode.
Replace them with their forth names.

Interrupt with a variable

```
variable SUM1
routine MORE
  #1 sum1 & add
  reti \ return
end-code
```

```
commacode
code MORE
  5392 , 250 ,
  1300 , end-code
```

- ◆ Replace "code" with "routine".
- ◆ Replace the address of SUM1 with the word "SUM1".

Address to be replaced:

```
sum1 u. ← 250 OK
```

Result

```
variable SUM1
routine MORE
  5392 , sum1 ,
  1300 , end-code
```

Call with a value

```
value SUM2
routine PLUS
  #1 adr sum2 & add
  sp ) + pc mov \ return
end-code
```

```
commacode
code PLUS
  5392 , 252 ,
  4430 , end-code
```

Address to be replaced:

```
adr sum2 u. ← 252 OK
```

Result

```
value SUM2
routine PLUS
  5392 , adr sum2 ,
  4430 , end-code
```

Code word with a call

```
code TEST
  plus # call
next end-code
```

```
commacode
code TEST
  12B0 , EE98 ,
  4F00 , end-code
```

Address to be replaced:

```
plus u. ← EE98 OK
```

Result

```
code TEST
  1280 , plus ,
  4F00 , end-code
```