

Frequently Encountered Problem

~~20130929~~ 20160107

Code below are simplified.

Finding out mistakes is not easy, because there are actually several hundred lines in code.

1. Minus value

```
wvariable value
: calc value W@ d1000 - value W! value W@ . ;
```

Word 'calc' correctly operate if value's data is more than d1000.

But if it want to correctly operate any value, value should define 'variable'.

2. Array

```
fl
variable data1 d150 allot
```

When copy/paste this, PropForth output error.

Because word 'fl' use input buffer. (referring word '(fl)' inside StartKernel-1.f)

In case of DevKernel, error don't happen at d137.

To avoid this error, you insert codes between 'fl' and array-definition.

3. Miss-alignment

```
wvariable t
wvariable Font -2 allot
h10 c, h20 c, h30 c, h40 c, h50 c, h60 c, h70 c, h80 c,

: test1 Font C@ . ;
: test2 Font W@ . ;
: test3 Font L@ . ;
```

'test1' and 'test2' have no problem.

'test3' might also have no problem. But it don't always have no problem.

If result of test3 is h4030201000(correct result), delete 'wvariable t'.

Alignment of 'wvariable' and 'variable' is different.

Always to operate test3, code is 'variable Font -4 allot'.

4. Changing dictionary by mistake

```
variable array 6 allot
: test1 d10 0 do i . loop ;
: test2 array d14 0 do dup 0 swap C! 1+ loop drop ;
```

After executed 'test2', any word can't execute.

Because lfa of 'test1' is deleted by 'test2'.

5. Prompt "Cog6 ok" don't be displayed when copy/paste statements.

When copy/paste whole forth statements from editor to TeraTerm, sometimes prompt still display "Cog5 ok".

Prompt "Cog6 ok" return back by hitting return-key.

This is bug in "fl".

To avoid, last line be must empty line.

```
fl
...
...
... ← Last line don't include any(character space,tab, )
```