hello.world.

1 User commands

basic
    4
    72.26999pt
    722.7pt

2 Hooks

Before Begin stuff(outside).At Begin stuff(inside).Begin stuff. This is Stuff! At End stuff(inside).End stuff.After End stuff(outside).

Before Begin equation(outside).At Begin equation(inside).

$$a = b \text{ At End equation(inside).} \tag{1}$$

After End equation(outside).

Before Begin verbatim(outside).Begin verbatim(inside):Some Code.

```
\some \code
End verbatim(inside): Some Code.
```

After End verbatim(outside).

3 Author commands

3.1 Definitions

3.1.1 Macro definitions

path of PB
    path of UF
    path of UF
    orange= orange= orange= orange
    deftestone is defined . After undef, deftestone is undefined.
    deftesttwo is defined . After csundef, deftesttwo is undefined.
    deftesttwo is undefined. After csgundef, deftesttwo is undefined.
    macro:-¿orange

3.1.2 Arithmetic definitions

2 + 4 * 8 = 34
    3 + 5 * 7 = 38
    4 + 6 * 8 = 52
    1pt + 2em = 21.00003pt

3pt + 1em = 13.00002pt
4pt + 0.5em = 9.0pt
10pt plus 2pt minus 3pt = 10.0pt plus 2.0pt minus 3.0pt
4pt minus 1pt = 4.0pt minus 1.0pt
5mu = 5.0mu

3.2 Expansion control

full expansion: macro:-¿first
    expand once: macro:-¿ "lvltwo
    csexpandonce: macro:-¿ "lvlone

3.3 Hook management

x; xAB; xABYZ.
    ABxYZ.
    xZ.
    pre-x.

3.4 Patching

patching: ok
    example patched here
    relax is not patchable
    begin is patchable
    first and second
    appending to paramacro: ok
first and second. Post
    prepending to paramacro: ok
Pre. first and second. Post

3.5 Boolean Flags

boolvar is false.
    set to true. boolvar is true.
    set to false. boolvar is false.
    set to true. boolvar is true.
    set to false. boolvar is false.
    ltxbool is false
    set to true. ltxbool is true
    set to false. ltxbool is false
    set to true. ltxbool is true
    set to false. ltxbool is false

3.6 Generic Tests

nosuchmacro is not a macro
    relax is not a macro
    begin is a macro
    nobeginning is un defined.
    begin is defined.
    relax is not defparam
    begin is defparam
    apptocmd is defprotected
    ifdefprotected is defprotected
    relax is not defprotected
    begin is not defprotected

3.7 List Processing

3.8 Miscellaneous Tools