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.

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

noise is not defined.

    begin is defined.
    relax is defined.
    relax is ifundef: true
    relax is ifcsundef: true
    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
    prefix test begin: false
    prefix test noise: false
    prefix test newrobustcmd: true
    prefix test newrobustcmd: true
    ifcsltxprotect relax: false
    ifcsltxprotect myltxrobust: true
    ifdefempty myempty: true
    ifdefempty myrelax: false
    ifcsvoid myempty: true
    ifcsvoid myrelax: false
    ifcsvoid letrelax: true
    ifcsvoid begin: false
    ifdefequal myempty-myrelax: false
    ifdefequal letrelax-myrelax: false
    ifdefequal begin-begin: true
    ifdefequal myempty-myempty: true
    ifdefstring mymacro-ampersand: true
    ifdefstring myrelax-relax: true
    ifdefstring myempty-: true
    ifdefstring basic-basic: true
    ifcsstrequal basic-basic true
    ifcsstrequal relax-relax false
    ifcsstrequal myempty-relax false
    ifcsstrequal myempty-anotherempty true
    ifdefcounter relax: false
    ifdefcounter mycount: true
    ifdefcounter mycount, after set: true
    ifdefcounter latexcounter: false

ifdefcounter latexcounter, after step: false
ifdefcounter myskip: false
ifdefcounter mylen: false
ifdefcounter mydimen: false
ifltxcounter relax: false
ifltxcounter mycount: false
ifltxcounter latexcounter: true
ifdeflength relax: false
ifdeflength mycount: false
ifdeflength myskip: true
ifdeflength mylen: true
ifdeflength mydimen: false
ifdefdimen relax: false
ifdefdimen mycount: false
ifdefdimen myskip: false
ifdefdimen mylen: false
ifdefdimen mydimen: true
ifstrequal test 1 (false): false
ifstrequal test 2 (true): true
ifstrequal test 3 (true): true
ifstrequal test 4 (true): true
ifstrequal test 5 (false): false
ifstrempty test 1 (true): true
ifstrempty test 2 (false): false
ifstrempty test 3 (false): false
ifstrempty test 4 (false): false
ifblank test 1 (true): true
ifblank test 2 (false): false
ifblank test 3 (false): false
ifblank test 4 (true): true
notblank test 1 (false): false
notblank test 2 (true): true
notblank test 3 (true): true
notblank test 4 (false): false
ifnumcomp (false): false
ifnumcomp (true): true
ifnumcomp (false): false
ifnumcomp (true): true
ifnumcomp (true): true
ifboolexpr (false): false
ifboolexpr (true): true

3.7   List Processing

Itemize list:

- item1

- item2

- item3a, item3b

- item4

Poor man's list:
  * item1
  * item2
  * item3a, item3b
  * item4

Dolistloop itemize:

- itemA

- itemB

- itemC

Forlistloop itemize:

- itemA

- itemB

- itemC

- Total: 3 items

dolistloop search: item found!

3.8   Miscellaneous Tools

1995 = 1995
   116 = 116
   ifnumless (true): true