

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:-jorange

3.1.2 Arithmetic definitions

$2 + 4 * 8 = 34$
 $3 + 5 * 7 = 38$
 $4 + 6 * 8 = 52$
 $1\text{pt} + 2\text{em} = 21.00003\text{pt}$
 $3\text{pt} + 1\text{em} = 13.00002\text{pt}$

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:-jfirst
expand once: macro:-j “lvltwo
csexpandonce: macro:-j “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