

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
 cexpandonce: 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
ifcs!txprotect relax: false
ifcs!txprotect my!txrobust: 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

3.7 List Processing

3.8 Miscellaneous Tools