

```
front #1 #,2. FOO, <<!foo!>>, <<!foo!>>, back,
front #1 #,2. #FOO#, <<!foo2!>>, <<!foo2!>>, back,
A : ( <<(raw)>>\TeX{} <<raw)>> ) Z
A : ( TEX ) Z
[first value]
[second value]
[second value]!!!
a <<b>> \c
```

Use of the logo: L^AT_EX.

Generalized Command Syntax

```
foo <<bar>> baz
```

Here we inserted ‘ \LaTeX ’ using `<<!\text{\LaTeX}>>`.

$$\text{## Math Mode}$$

It's perfectly possible to take advantage of T_EX's famous Math Mode; for example, you can now effortlessly have formulas

Some math: $\lim_{x \rightarrow \infty} \exp(-x)$

Some math: $\lim_{x \rightarrow \infty} \exp(-x) = 0$

XXA

Quotes, Character Entities, T_EX Special Characters

foo 'bar' baz. 麗 beautiful.

You can use `<<{raw}>> ... <<raw>>` or `<<(raw)>> ... <<raw)>>` to directly insert L^AT_EX code into your script; for example, you could use `<<(raw)>>\LaTeX{ }<<raw)>>` to obtain the L^AT_EX logogram. Observe that we had to write `\LaTeX{ }` here instead of `\LaTeX` to preserve the space between the logogram itself and the word ‘logogram’—**MKTS** will not intervene to make that happen automatically, as a careful, scientific study has demonstrated that this problem—preserving

XXΛ

<<<document>>...<<document>>>

```

{\raw AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA
AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA
AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA
AAAAAA\begin{multicols}{2}\end{multicols}BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB
BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB
BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB
BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB
BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB BBBBB
BBBBB\begin{multicols}{2}XXXXXXXXXXX\end{multicols}CCCCC CCCCC CCCCC CCCCC CCCCC CCC-
CCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC CCCCC
CCCCC {\raw} ■■■{\raw to insert LATEX commands {\raw} ■■■

```

Helo worlḁ! = Helo worlḁ!

footnote_ref?  h2^

Footnotes

ere is a footnote reference, **footnote_ref?** ■ and another. **footnote_ref?** ■

MKTS Regions 中國皇帝

To indicate the start of an **MKTS**/MD Region, place a triple at-sign @@@ at the start of a line, immediately followed by a command name such as `keep-lines` or `single-column`. The end of a region is indicated by a triple at-sign without a command name. Nested regions are possible; for example, you can

first first first first first first first first first first first first first first
first first first first first first first first first first first

second second second second second second second second
second second second second second second second second
second second second second second second second second
second second second second second second second second
second second second second

Use of definition: The question is “*What is the meaning of life, the universe, and everything?*”; the answer is “**42**”.

like

$\lim_{x \rightarrow \infty} \exp(-x) = 0$ in your documents (and of course, inline math *à la* $\lim_{x \rightarrow \infty}$ works as well).

$$= 0\$ \langle \langle \text{raw} \rangle \rangle$$

spaces following commands in a general way that does not rely on parsing \LaTeX source and is not going to muck with very deep \TeX internals—is NP-complete.

Another potential use of is to **COLORIZE!** your text, here done by inserting

```
<<(row)>>\color{red}<<row>>
```

COLORIZE!

```
<<(raw>>}<<raw)>>
```

(with or without the line breaks) into the script.

put a @@@keep-lines region inside a @@@single-column region as done here.

Code Regions

[illegible]

this is
a code block

with three lines & an XNCR

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

```

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
#-----

```

```

@_shuffle = ( list, ratio, rnd, random_integer ) ->
#.....
return list if ( this_idx = list.length ) < 2
#.....
loop
  this_idx += -1
  return list if this_idx < 1
  if ratio >= 1 or rnd() <= ratio
    # return list if this_idx < 1
    that_idx = random_integer 0, this_idx
    [ list[ that_idx ], list[ this_idx ] ] = [ list[ this_idx ], list[ that_idx ] ]
#.....
return list

```

```

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxx

```

Code sample, keeping indentations.

```

x
  x
    x

```

```

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

```

Here are some formulas:

```

u-cjk/4e36 丶 ●
u-cjk/4e37 ヹ ㊦、ノ
u-cjk/4e38 丸 ㊦九、
u-cjk/4e39 丹 ㊦㊦㊦、一
u-cjk/4e3a 为 ㊦、㊦力、
u-cjk/4e3b 主 ㊦、王
u-cjk/4e3b 主 ㊦㊦土
u-cjk/4e3c 井 ㊦井、

```

u-cjk-xb/250b7 𪛗 ㊦㊦告巨皿

u-cjk-xb/250b8 𪛗 ㊦楊皿

At this point, a line consisting of a triple at-sign @@@ indicates the end of the keep-lines region; since the single-column region is still active, however, *this paragraph runs across the entire width* of the documents text area.

Now a }single-column **MKTS**/MD event has been encountered that was triggered by a triple-at command in the manuscript; accordingly, typesetting is reverted back to multi-column mode, which is why you can see this paragraph set in two columns.

Using HTML

This section tests HTML that occurs as ‘blocks’ (i.e. as typographical blocks that start with an HTML tag) and ‘inline’ (i.e. inside of MD blocks).

helo *world* and **everyone**

A paragraph with **some** HTML in it.

Here’s MD with *single* and **double** stars.

Testing *italics with Chinese*: 義大利體 and **bold with Chinese**: 黑體,ゴシック体

Regions

Regions are started and ended using @@@ (triple at-signs); the opener must be followed by a key word indicating the region’s type.

Code

Here’s some code within a fenced block.

This is a code region;
lines are kept as they appear
in the MD manuscript,

It’s possible to switch on inline code. It’s also possible to have a region of code with lines rendered as in the source:

```

-----

```

```

xxxx

```

MKTS Regions 中國皇帝

To indicate the start of an **MKTS**/MD Region, place a triple at-sign @@@ at the start of a line, immediately followed by a command name such as keep-lines or single-column. The end of a region is indicated by a triple at-sign without a command name. Nested regions are possible; for example, you can put a @@@keep-lines region inside a @@@single-column region as done here.

but in addition,
the font is monospaced

And this is the text following the fence.

Keep-Lines Regions: Formulas Example

To preserve line breaks in the PDF the way they were entered in the MD manuscript, use @@@keep-lines regions. Currently, the best idea is to position the sentinels in a ‘tight’ way, without intervening blank lines between the sentinels and the surrounding paragraph.

Here are some formulas:

```

u-cjk/4e36 丶 ●
u-cjk/4e37 ヹ ㊦、ノ
u-cjk/4e38 丸 ㊦九、
u-cjk/4e39 丹 ㊦㊦㊦、一
u-cjk/4e3a 为 ㊦、㊦力、
u-cjk/4e3b 主 ㊦、王
u-cjk/4e3b 主 ㊦㊦土
u-cjk/4e3c 井 ㊦井、

```

u-cjk-xb/250b7 𪛗 ㊦㊦告巨皿

u-cjk-xb/250b8 𪛗 ㊦楊皿

These formulas may be recursively resolved by way of substitu-

tion to their ultimate constituent parts—strokes. Somewhere along that process of deconstruction, we meet with fairly re-

A-before

A-within

A-within

A-within

A-after

Keep-Lines Regions: With separate Before, After

B-before

B-within

B-within

B-within

B-after

Keep-Lines Regions: Region Starts, Ends within Paragraph

C-before

C-within

C-within

C-within

C-after

Keep-Lines Regions: Region Starts, Ends with separate

D-before

D-within

D-within

D-within

D-after

This is a Demonstration 中國皇帝

A Section Title 中國皇帝

14%, A, able, about, account, acid, across, act, addition as done in mathematics, adjustment, advertisement, after, again, against, agreement, air, all, almost a full sentence here to show the effects of microtypography, among, amount, amusement, and, angle, angry, animal, answer, ant, any, apparatus, apple, approval, arch, argument, arm, army, art, as, at, attack, attempt, attention, attraction, authority, automatic, awake, baby, back, bad, bag, balance, ball, band, base, basin, basket, bath, be, beautiful, because, bed, bee, before, behaviour, belief, bell, bent, berry, between, bird, birth, bit, bite, bitter, black, blade, blood, blow, blue, board, boat, body, boiling, bone, book, boot, bottle, box, boy, brain, brake, branch, brass, bread, breath, brick, a bridge to span the chasm, bright, broken, brother, brown, brush, bucket, building, bulb, burn, burst, business, but, butter, button, by, cake, camera, canvas, card, care, carriage, cart, cat, cause, certain, chain, chalk, chance, change, cheap, cheese, chemical, chest, chief, chin, church, circle, clean, clear, clock, cloth, cloud, coal, coat, cold, collar, colour, comb, come, comfort, committee, common, company, comparison, competition, complete, complex, condition, connection, conscious, control, cook, copper, copy, cord, cork, cotton, cough, country, cover, cow, crack, credit, crime, cruel, crush, cry, cup, cup, current, curtain, curve, cushion, damage, danger, dark, daughter, day, dead, dear, death, debt, decision, deep, degree, delicate, dependent, design, desire, destruction, detail, development, different, digestion, direction, dirty, discovery, discussion, disease, disgust, distance, distribution, division, do, dog, door, doubt, down, drain, drawer, dress, drink, driving, drop, dry, dust, ear, early, earth, east, edge, education, effect, egg, elastic, electric, end, engine,

current figures or shapes.

Keep-Lines Regions: All in One Paragraph

Paragraphs

Paragraph

enough, equal, error, even, event, ever, every, example, exchange, existence, expansion, experience, expert, eye, face, fact, fall, false, family, far, farm, fat, father, fear, feather, feeble, feeling, female, fertile, fiction, field, fight, finger, fire, first, fish, fixed, flag, flame, flat, flight, floor, flower, fly, fold, food, foolish, foot, for, force, fork, form, forward, fowl, frame, free, frequent, friend, from, front, fruit, full, future, garden, general, get, girl, give, glass, glove, go, goat, gold, good, government, grain, grass, great, green, grey, grip, group, growth, guide, gun, hair, hammer, hand, hanging, happy, harbour, hard, harmony, hat, hate, have, he, head, healthy, hear, hearing, heart, heat, help, high, history, hole, hollow, hook, hope, horn, horse, hospital, hour, house, how, humour, I, ice, idea, if, ill, important, impulse, in, increase, industry, ink, insect, instrument, insurance, interest, invention, iron, island, jelly, jewel, join, journey, judge, jump, keep, kettle, key, kick, kind, kiss, knee, knife, knot, knowledge, land, language, last, late, laugh, law, lead, leaf, learning, leather, left, leg, let, letter, level, library, lift, light, like, limit, line, linen, lip, liquid, list, little, living, lock, long, look, loose, loss, loud, love, low, machine, make, male, man, manager, map, mark, market, married, mass, match, material, may, meal, measure, meat, medical, meeting, memory, metal, middle, military, milk, mind, mine, minute, mist, mixed, money, monkey, month, moon, morning, mother, motion, mountain, mouth, move, much, muscle, music, nail, name, narrow, nation, natural, near, necessary, neck, need, needle, nerve, net, new, news, night, no, noise, normal, north, nose, not, note, now, number, nut, observation, of, off, offer, office, oil, old, on, only, open, operation, opinion, opposite, or, orange, order, organization, ornament, other, out, oven, over, owner, page, pain, paint, paper, parallel, parcel, part, past, paste, payment, peace, pen, pencil,

footnote_close? ■ footnote_block_close? ■