Here we define a string of text.

```
> x <- "V_c /F (L * h^-1 ) ~theta_1 *(WT/70)^theta_2"
```

Now we try x as a column name for a data frame.

```
> d <- data.frame(subject=1,x=2)
> names(d)[2] <- nospace(lhs(noUnits(x)))
> d

  subject V_c/F
1       1     2
```

```
> justUnits(x)

[1] "L * h^-1 "
```

What theta is primarily associated with this equation?

```
> tos(x)

[1] "THETA1"
```

```
> text2decimal(tos(x))

[1] 1
```

Next we try it in a latex table.

```
> library(Hmisc)
> tex <- capture.output(latex(
+    file='',
+    title='',
+    where="!htbp",
+    rowname=NULL,
+    colheads='model',
+    data.frame(x=wiki2latex(noUnits(x)))
+ ))
> writeLines(tex)
```

model
$V_c/F \sim \theta_1 \cdot (WT/70)^{\theta_2}$

Finally we try it in a figure.

```
> plot(1:10,1:10,col='white')
> text(5,5,parse(text=wiki2plotmath(noUnits(x))))
```

$$V_c/F \approx \theta_1 \cdot (WT/70)^{\theta_2}$$