Using knit_expand() for templates

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1 Write one row of data

Only the first two sections are evaluated.

1.1 Now i is 1

This chunk is evaluated.

```
# row number 1
iris[1, ]
```

```
## Sepal.Length Sepal.Width Petal.Length Petal.Width Species
## 1 5.1 3.5 1.4 0.2 setosa
```

1.2 Now i is 2

This chunk is evaluated.

```
# row number 2
iris[2,]

## Sepal.Length Sepal.Width Petal.Length Petal.Width Species
## 2 4.9 3 1.4 0.2 setosa
```

1.3 Now i is 3

This chunk is not evaluated.

```
# row number 3
iris[3, ]
```

1.4 Now i is 4

This chunk is not evaluated.

```
# row number 4
iris[4, ]
```

1.5 Now i is 5

This chunk is not evaluated.

```
# row number 5
iris[5, ]
```

2 A regression model on several variables

You can expand a template file, or just provide the template as a character string.

2.1 Regression on cyl

2.2 Regression on disp

```
lm(mpg~disp, data=mtcars)

##
## Call:
## lm(formula = mpg ~ disp, data = mtcars)
##
## Coefficients:
## (Intercept) disp
## 29.59985 -0.04122
```

2.3 Regression on hp

```
lm(mpg~hp, data=mtcars)

##
## Call:
## lm(formula = mpg ~ hp, data = mtcars)
##
```

```
## Coefficients:
## (Intercept) hp
## 30.09886 -0.06823
```

2.4 Regression on drat

```
lm(mpg~drat, data=mtcars)

##
## Call:
## lm(formula = mpg ~ drat, data = mtcars)
##
## Coefficients:
## (Intercept) drat
## -7.525 7.678
```

2.5 Regression on wt

```
lm(mpg~wt, data=mtcars)

##
## Call:
## lm(formula = mpg ~ wt, data = mtcars)
##
## Coefficients:
## (Intercept) wt
## 37.285 -5.344
```

2.6 Regression on qsec

```
lm(mpg~qsec, data=mtcars)

##

## Call:
## lm(formula = mpg ~ qsec, data = mtcars)
##

## Coefficients:
## (Intercept) qsec
## -5.114 1.412
```

2.7 Regression on vs

```
lm(mpg~vs, data=mtcars)

##
## Call:
## lm(formula = mpg ~ vs, data = mtcars)
##
## Coefficients:
## (Intercept) vs
## 16.62 7.94
```

2.8 Regression on am

```
lm(mpg~am, data=mtcars)

##

## Call:
## lm(formula = mpg ~ am, data = mtcars)

##

## Coefficients:
## (Intercept) am
## 17.147 7.245
```

2.9 Regression on gear

2.10 Regression on carb

```
lm(mpg~carb, data=mtcars)
```

```
##
## Call:
## lm(formula = mpg ~ carb, data = mtcars)
##
## Coefficients:
## (Intercept) carb
## 25.872 -2.056
```

3 Multiple variables

```
tpl = 'The value of a is \{\{a\}\} and b is \{\{b\}\}.'
```

The value of a is 1 and b is 2.

The value of a is 5 and b is 2013.