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Minimal example for `Pandoc.brew`

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Introduction

We have two meta-information above:

- author
- title

A third field could be there too: date. For details, please check out [Pandoc's homepage](#) or just use `pandoc.title` function of this package.

As you can see writing and formatting paragraphs cannot be easier :)

But what about [R](#)? Let us return pi: *3.142*

R objects

`Pander.brew` would transform any returned R object to Pandoc's markdown in each code block.

For example `mtcars`'s first 5 cases look like:

	mpg	cyl	disp	hp	drat
Mazda RX4	21	6	160	110	3.90
Mazda RX4 Wag	21	6	160	110	3.90
Datsun 710	22.8	4	108	93	3.85
Hornet 4 Drive	21.4	6	258	110	3.08
Hornet Sportabout	18.7	8	360	175	3.15

Table 1: Table continues below

	wt	qsec	vs	am	gear
Mazda RX4	2.620	16.46	0	1	4
Mazda RX4 Wag	2.875	17.02	0	1	4
Datsun 710	2.320	18.61	1	1	4
Hornet 4 Drive	3.215	19.44	1	0	3
Hornet Sportabout	3.440	17.02	0	0	3

Table 2: Table continues below

	carb
Mazda RX4	4
Mazda RX4 Wag	4
Datsun 710	1
Hornet 4 Drive	1
Hornet Sportabout	2

As you can see some formatting was added to the returned table and was also split up as the original table would have been too wide to fit on the screen (any

`panderer` still using a VT100 terminal?) or standard paper. If you do not like that split up, just set the according `panderOption!`

We could try other R objects too, for example let us check `chisq.test` on some variables of `mtcars`:

Test statistic	df	P value
20.94	2	<i>2.831e-05</i> * * *

Table 3: Pearson's Chi-squared test: `mtcars$am` and `mtcars$gear`

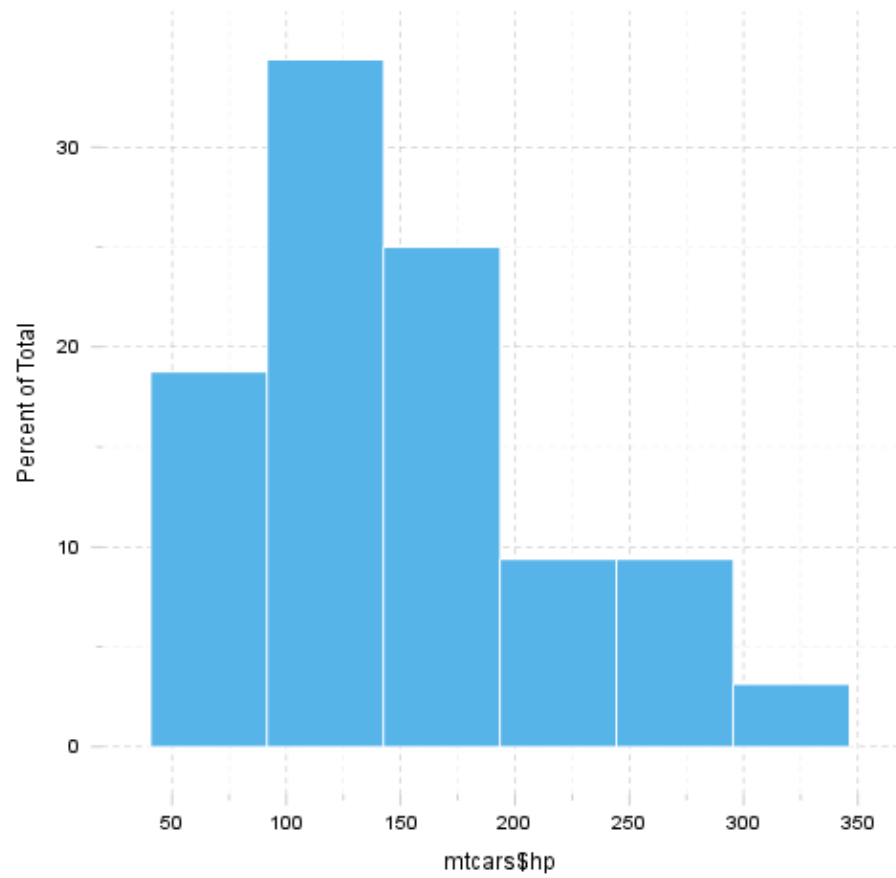
WARNING¹

And we got a warning above!

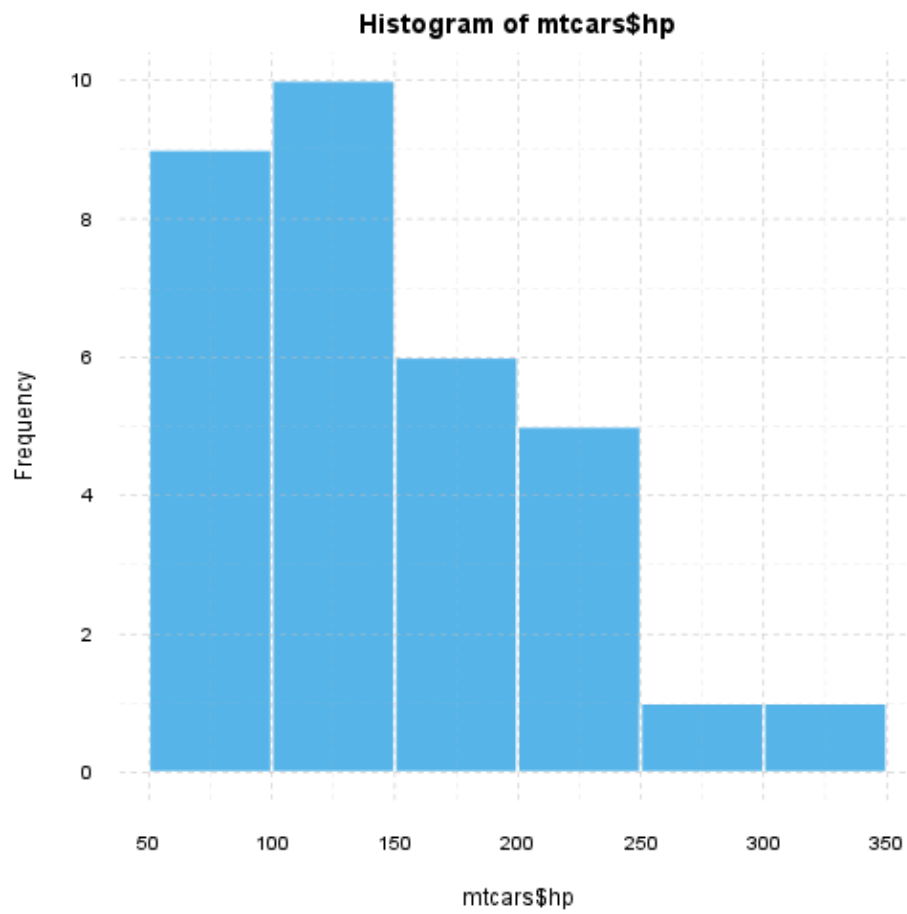
Returning plot

Plots are automatically grabbed between `brew` tags and some custom formatting applied (if `evalsOptions('graph.unify')` is set to `TRUE`):

¹Chi-squared approximation may be incorrect

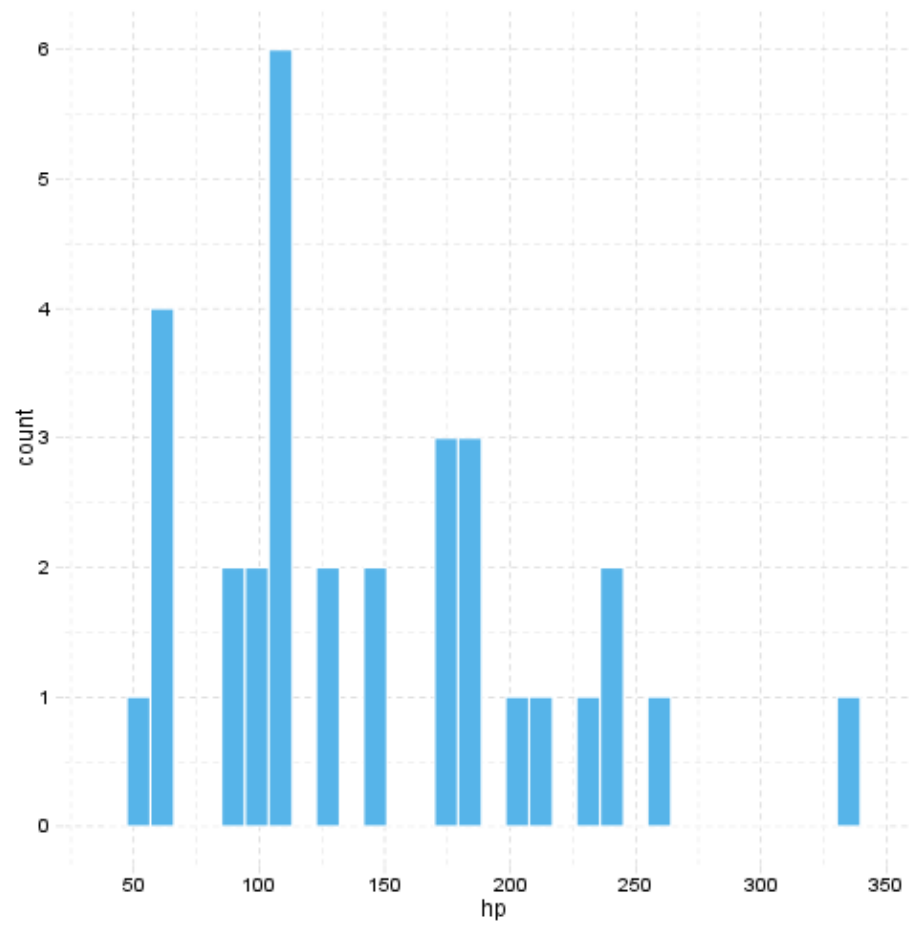


The above `lattice` looks (IMHO) pretty cool, but what about using `base` plot?

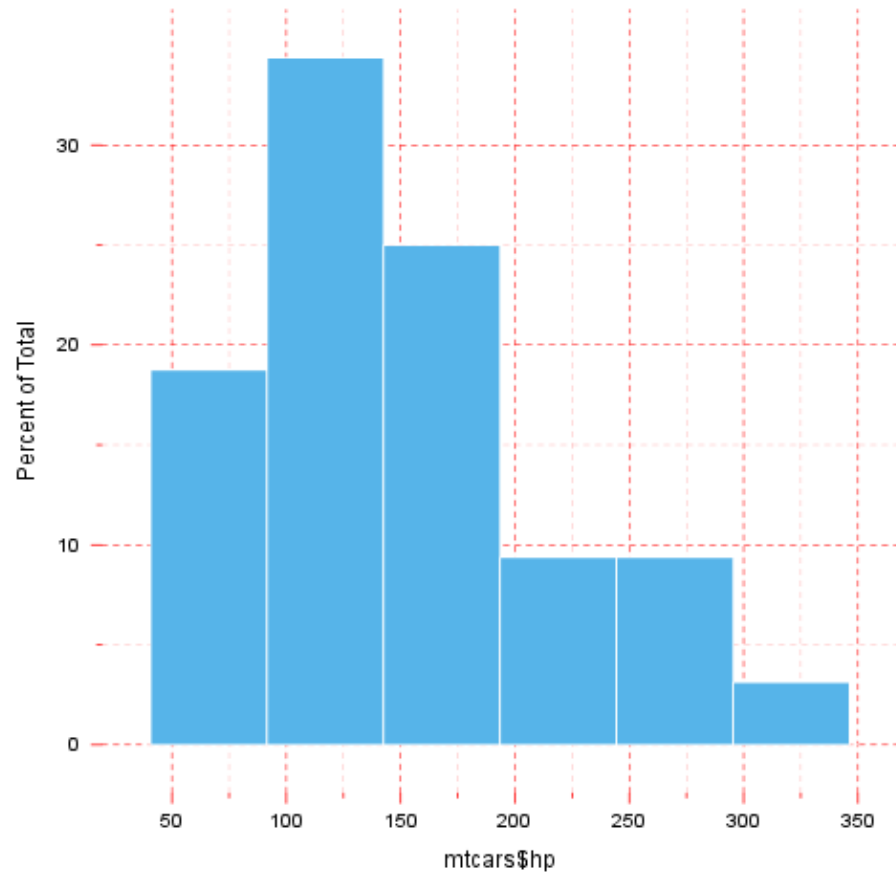


This should be quite similar by my intention :)

What about `ggplot2`?



And adding a caption is easy with even some modified `panderOptions`:



Captions

Just like with tables:

	Murder	Assault	UrbanPop	Rape
Alabama	13.2	236	58	21.2
Alaska	10	263	48	44.5

Table 4: Here goes the first two lines of USArrests

Multiple results

And the chunks can result in multiple R objects of course:

- *1, 2, 3, 4 and 5*
- *3.142*
- *110, 110, 93, 110, 175, 105, 245, 62, 95, 123, 123, 180, 180, 180, 205, 215, 230, 66, 52, 65, 97, 150, 150, 245, 175, 66, 91, 113, 264, 175, 335 and 109*

It happens

ERROR²

This report was generated with [R](#) (2.15.1) and [pander](#) (0.2) in 1.471 sec on x86_64-unknown-linux-gnu platform.

²object 'unknown.R.object' not found