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Minimal example for Pandoc.brew

# 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](http://johnmacfarlane.net/pandoc/README.html#title-block) or just use pandoc.title function of this package.

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

But what about [R](http://www.r-project.org/)? Let us return pi: <%=pi%>

# 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:

<%=mtcars[1:5, ]%>

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.

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

<%=chisq.test(mtcarsgear)%>

## Returning plot

Plots are automatically grabbed between brew tags:

<%= require(lattice) histogram(mtcars$hp) %>

And adding a caption is easy:

<%= set.caption('My second pander plot in red') histogram(mtcars$hp, col = 'red') %>

# Captions

Just like with tables:

<%= set.caption('Here goes the first two lines of USArrests') USArrests[1:2,] %>

# Multiple results

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

<%= list(1:5) list(pi) list(mtcars$hp) %>

# It happens

<%= mean(unknown.R.object) %>

This report was generated with [R](http://www.r-project.org/) (2.15.0) and [pander](https://github.com/daroczig/pander) (0.1) on x86\_64-unknown-linux-gnu platform.