A Package to Set Margins to Full Page

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This paper describes package `fullpage`
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It is part of the `preprint` collection of packages

Summary

The stripped version of this file contains the following brief description:

```
% Sets all 4 margins to be either 1 inch or 1.5 cm, and specifies
%  the page style
% Call as    \usepackage[options]{fullpage}
% Options  =   in   (default) for 1 inch
%              cm             for 1.5 cm
%              plain (default) sets \pagestyle{plain}
%              empty           sets \pagestyle{empty}
%              headings        sets \pagestyle{headings}
%              myheadings      sets \pagestyle{myheadings}
```


1 Purpose

This package is called `fullpage`, and it sets the text height and width and the margins such that the page is almost full. It only leaves a uniform margin on all four sides.

To do this, it needs to know how big the full page is, whether US letter size ($8\frac{1}{2} \times 11''$) or A4 (21×29.7 cm), or some other size. This is given in the parameters `\paperwidth` and `\papersize` that are set by the appropriate option in the `\documentclass` command.

The package must also know which page style is being employed. This is because it must leave space for possible headers and footers, if they are present. If not, it may use that space for text.

2 Invoking the Package

The package is called after the `\documentclass` command as e.g.,

```
\documentclass[a4paper,landscape]{article}
\usepackage[options]{fullpage}
```

where possible options for `fullpage` are

- `in` (default) sets the margins to one inch;
- `cm` sets the margins to 1.5 cm (one centimeter is really too little);
- `plain` (default) selects the `plain` page style, i.e., with no headers but only a footer;
- `empty` for neither headers nor footers;
- `headings` for both header and footers;
- `myheadings` also for both headers and footers.

For the last 4 options, the corresponding `\pagestyle` declaration is executed, so that it is not necessary to give it again.