The **ditaa** package

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The LaTeX `ditaa` package renders your ascii art inside your LaTeX files into pretty image files which you can use them in your papers.

Usage:

To usepackage **ditaa**, typically do following.

```
\def\imagepath{./resources}
\usepackage[imagepath=\imagepath]{ditaa}
\graphicspath{ {\imagepath/} }
```

A vaiable `\imagepath` points a directory that your images reside. Under it, you need to create a directory `ditaa` in advance. In this directory, `ditaa` environment creates its working files.

Features:

This is a ditaa diagram example.

```
\begin{ditaa}[8cm]{ditaa caption example}{ditaaexample}
  +--------+   +-------+    +-------+
  |        | --+ ditaa +--> |       |
  |  Text  |   +-------+    |diagram|
  |Document|   |!magic!|    |       |
  |     {d}|   |       |    |       |
  +---+----+   +-------+    +-------+
      :                         ^
      |       Lots of work      |
      +-------------------------+
\end{ditaa}
```

The fragment above will be rendered into following diagram.

1
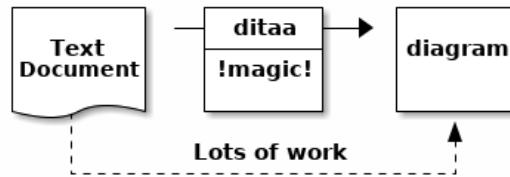
Figure 1: ditaa caption example

And you can specify image width like this Figure.2.

```
\begin{ditaa}[6cm]{ditaa caption example2}{ditaaexample2}
  +---------+
  | cBLU    |
  |         |
  |     +----+
  |     |cPNK|
  |     |    |
  +----+----+
\end{ditaa}
```

To denote your diagram, you can do

```
Figure~\ref{fig:ditaaexample2}
```

, where `ditaaexample2` is the second argument you gave to the `ditaa` environment as you see above. The prefix `fig:` is given by `ditaa` environment automatically.
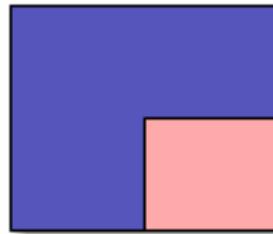

Figure 2: ditaa caption example2

Enjoy!

ChangeLog:
0.9 – Preparation for first `ditaa` release.