

ditaa

Rounded corners



Figure 1: Created by Ditaa

```
```{.ditaa im_opt="-r" width="70%" caption="Created by Ditaa"}
+-----+ +-----+ +-----+
| +---+ ditaa +--> | |
| Text | +-----+ |diagram|
|Document| |!magic!| | |
| {d} | | | | |
+-----+ +-----+ +-----+
 : ^
 | Lots of work |
 +-----+
```
```

Ditaa normal

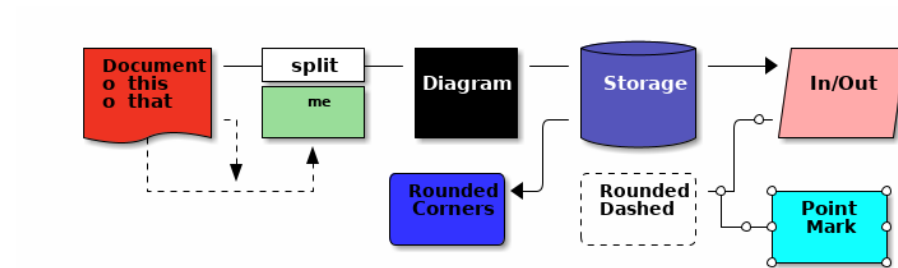


Figure 2: Created by Ditaa

```

```{.ditaa caption="Created by Ditaa"}
+-----+ +-----+ +-----+ +-----+ +-----+
| Document|---+ split +---| | | | | | | | | |
| o this | +-----+ |Diagram| | Storage| | In/Out |
| o that | | me | | | | | | | | |
| cRED{d}|-+ | cGRE| | cBLK| /--| cBLU{s}| /-*|cPNK{io}|
+-----+ : +-----+ +-----+ | +-----+ | +-----+
| | | ^ | | | | | | | |
| v | | /-----\ | /-----\ |
+-----+ | Rounded|<-/ | Rounded|-*+ *-----*
| | | | | | | | | |
| c33F| | Dashed | | | Point |
\--+-----/ \-=-=-----/ | +---* Mark *
| | | c1FF|

```

```

ditaa reminder



Figure 3: Created by Ditaa

```
```{.ditaa height="40%" caption="Created by Ditaa"}
/-----\
| Things to do |
| cYEL |
| o Cut the grass |
| o Buy jam |
| o Fix car |
| o Make website |
\-----/
```
```

protocol tcp (pdf)

| | | | | | |
|-----------------------|------|-------|------------------|---------|--|
| Source Port | | | Destination Port | | |
| Sequence Number | | | | | |
| Acknowledgment Number | | | | | |
| Offset | Res. | Flags | | Window | |
| Checksum | | | Urgent Pointer | | |
| Options | | | | Padding | |

```

```{.ditaa im_fmt="pdf"}
+++++-----
| Source Port | Destination Port |
+++++-----
| Sequence Number |
+++++-----
| Acknowledgment Number |
+++++-----
| Offset| Res. | Flags | Window |
+++++-----
| Checksum | Urgent Pointer |
+++++-----
| Options | Padding |
+++++-----
```

```

Documentation

ditaa -h

```
usage: ditaa <INPFILE> [OUTFILE] [-A] [-b <BACKGROUND>] [-d] [-E] [-e
      <ENCODING>] [-h] [--help] [-o] [-r] [-S] [-s <SCALE>] [-T] [-t
      <TABS>] [-v] [-W]

-A,--no-antialias           Turns anti-aliasing off.
-b,--background <BACKGROUND> The background colour of the image. The
                              format should be a six-digit hexadecimal
                              number (as in HTML, FF0000 for red). Pass
                              an eight-digit hex to define transparency.
                              This is overridden by --transparent.
-d,--debug                  Renders the debug grid over the resulting
                              image.
-E,--no-separation          Prevents the separation of common edges of
                              shapes.
-e,--encoding <ENCODING>   The encoding of the input file.
-h,--html                   In this case the input is an HTML file.
                              The contents of the <pre
                              class="textdiagram"> tags are rendered as
                              diagrams and saved in the images directory
                              and a new HTML file is produced with the
                              appropriate <img> tags.
      --help                Prints usage help.
-o,--overwrite              If the filename of the destination image
                              already exists, an alternative name is
                              chosen. If the overwrite option is
                              selected, the image file is instead
                              overwritten.
-r,--round-corners          Causes all corners to be rendered as round
                              corners.
-S,--no-shadows             Turns off the drop-shadow effect.
-s,--scale <SCALE>         A natural number that determines the size
                              of the rendered image. The units are
                              fractions of the default size (2.5 renders
                              1.5 times bigger than the default).
-T,--transparent            Causes the diagram to be rendered on a
                              transparent background. Overrides
                              --background.
-t,--tabs <TABS>           Tabs are normally interpreted as 8 spaces
                              but it is possible to change that using
                              this option. It is not advisable to use
                              tabs in your diagrams.
-v,--verbose                Makes ditaa more verbose.
```

`-W,--fixed-slope`

Makes sides of parallelograms and trapezoids fixed slope instead of fixed width.

man page

DITAA(1)

General Commands Manual

DITAA(1)

NAME

ditaa - convert ASCII diagrams into proper bitmap graphics

SYNOPSIS

ditaa [options] input [output]

DESCRIPTION

This manual page documents briefly the ditaa command.

DiTAA is a small command-line utility that can convert diagrams drawn using ASCII art ("drawings" that contain characters that resemble lines, like | / and -), into proper bitmap graphics.

DiTAA also uses special markup syntax to increase the possibilities of shapes and symbols that can be rendered.

OPTIONS

--help Show summary of options.

-v, --verbose
Makes ditaa more verbose.

-A, --no-antialias
Turns anti-aliasing off.

-d, --debug
Renders the debug grid over the resulting image.

-E, --no-separation
Prevents the separation of common edges of shapes.

-e ENCODING, --encoding ENCODING
The encoding of the input file.

-h, --html
In this case the input is an HTML file. The contents of the <pre class="textdiagram"> tags are rendered as diagrams and saved in the images directory and a new HTML file is produced with the appropriate tags.

-o, --overwrite

If the filename of the destination image already exists, an alternative name is chosen. If the overwrite option is selected, the image file is instead overwritten.

`-r, --round-corners`

Causes all corners to be rendered as round corners.

`-s SCALE, --scale SCALE`

A natural number that determines the size of the rendered image. The units are fractions of the default size (2.5 renders 1.5 times bigger than the default).

`-S, --no-shadows`

Turns off the drop-shadow effect.

`-t TABS, --tabs TABS`

Tabs are normally interpreted as 8 spaces but it is possible to change that using this option. It is not advisable to use tabs in your diagrams.

AUTHOR

DiTAA was written by Efstathios (Stathis) Sideris.

This manual page was written by David Paleino <dapal@debian.org>, for the Debian project (and may be used by others).

April 15, 2010

DITAA(1)