

## RapidT<sub>E</sub>X Example

This is a simple example demonstrating the capabilities of RapidT<sub>E</sub>X. First of all I recommend you to also read the documentation that comes with RapidT<sub>E</sub>X. You can also inspect the sourcecode to see what functions are built-in.

Lets demonstrate a list of vegetables now:

- Apple
- Pear
- Melon

We can also make this a numbered list:

1. Apple
2. Pear
3. Melon

Or we can put it in a nice table:

Apple	Pear	Melon
Pear	Melon	Apple
Melon	Apple	Pear

Of course, it is also possible to make words **bold**, write them in *italics* or underline them. It's even possible to write **everything in a typewriter font**.

We must of course also demonstrate the power of using mathematical symbols, we can for example write:

$$a \rightarrow b \rightarrow c$$

We can even center it nicely:

$$a \rightarrow b \rightarrow c$$

Or align it right:

$$a \leftarrow b \leftarrow c$$

Moreover, we can make small text, **big** or **bigger** if we want to. We can also refer to websites like <http://www.unilang.org> and to email addresses like my own: [proycon@anaproj.homeip.net](mailto:proycon@anaproj.homeip.net)

Note that we can temporarily *\*disable\** the preprocessor if we need too... RapidTEX obviously also supports **colours** such as **green** and **blue**. And **more exotic colors** or **precisely specified colors**. We can also **highlight** something.

And we can use accented characters such as: “¡Viva españa!”.

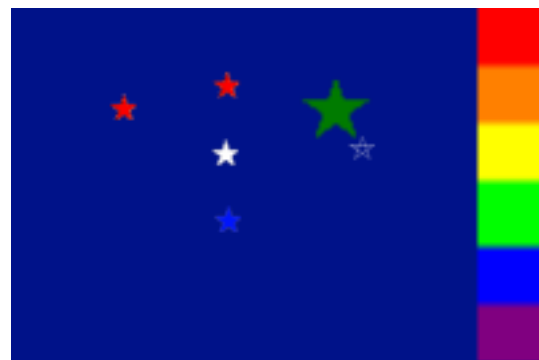
Let’s include a nice picture in our document:



Figure 1: This is my personal flag!

You see, including pictures is very easy. There are also variants to this, such as `lpicture` and `rpicture`, which aligns the picture left or right. But you

can also use `image` instead of `picture`, the difference is that in RapidTeX a `picture` has a caption, but an `image` doesn't. We can also wrap text around an image, as we are illustrating right now. This is also very easy to do. In the meantime, we can illustrate that it is possible to **change fonts as well** in a quick way. The sky's the limit! Let's do some math while we are at it:  $\sqrt{25} \equiv \frac{50}{2}$ , do note that this math functionality is from L<sup>A</sup>T<sub>E</sub>X and not RapidTeX so it won't show correctly in HTML.



However, RapidTeX has special functionality to use LaTeX to render some things that HTML can't handle (such as complex math), and include the result as an image like this:  $\sqrt{25} \equiv \frac{50}{2}$

It is also possible to put things in a boxed environment:

Help! I'm jailed!

Or in a coloured box environment:

Help! I'm jailed!

And we have the `verbatim` environment that allows us to display raw code, usually you'd also want to disable RapidTeX temporarily:

```
for (int i = 0; i <= 100; i++) {
print i;
}
```

And we can make footnotes <sup>1</sup>

The time has come to take a closer look at tables, tables can become very complex entities and their behaviour is regulated through the use of various variables:

This	is	a table
This is		a table
This	is a table	

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<sup>1</sup>This is a footnote

If we set an exact-width for the column, then we can have cells that span multiple lines:

This	is a cell that spans multiple lines because an exact-width was specified
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We can make our tables colourful as well by adjusting a few variables:

I	am	colourful
Colour	makes	happy
I	love	colour

Well, *That's all folks...*!