(g)ROOT Language Reference Manual

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1 This is a section heading with number

This is a bullet list:

- Link to Overleaf href
- url example: https://canvas.tufts.edu/
- link to a another labeled section: Hello World section

This is a enumlist (default 1):

- 1. Inline code: (val x 42) example.
- 2. Hello World
- 3. Hello World
- 4. Hello World
- 5. This is very Red
- 6. This is Bluey

This is enumlist with alph bullets:

a.
$$x^2 = y$$

b.
$$x = y$$

2 Hello World

2.1 Hello Subsection example

This is how you include pictures:



Figure 1: Our little mascot

2.1.1 Basic Table: This doesn't appear in contents

hrow1	hrow2	hrow3
This is	This is	This is
right-aligned	centered	left aligned

$$\begin{array}{c|c}
\leftarrow & \Leftarrow & \langle x+y \rangle \\
\rightarrow & \Rightarrow & |x| \\
\downarrow & \downarrow & ||x^2|| \\
\leftrightarrow & \uparrow & \left((\operatorname{cs}107) \right) \\
\epsilon & \rho & \left[[\operatorname{cs}107] \right] \\
\Sigma & \eta & \\
\mu & \{\} \\
\end{array}$$

2.2 Another hello subsection example

2.2.1 Coding environment without line numbers (default)

2.2.2 Coding environment with line numbers (this can be made default)

```
1 (val add
2 (lambda (x y)
3 (+ x y)))
```

2.2.3 Code side-by-side

3 Intro

Ocaml LRM

4 Lexical Convention

- 4.1 Blanks
- 4.2 Comments
- 4.3 Identifiers
- 4.4 Integer Literals
- 4.5 Boolean Literals
- 4.6 Character Literals
- 4.7 Operators
- 4.8 Keywords
- 5 Values
- 5.1 Base Values
- 5.2 Functions
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- 8 Expressions