

Erudite output test

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0.1 Introduction

This is a test of Erudite output rendering, commands and syntax elements

0.2 Chunks

This is a good chunk

```
<<<chunk1>>>
```

This is a good chunk

```
<<<chunk2>>>
```

This is the chunk:

```
<<chunk2>>=
```

```
(+ 1 1)
```

```
<<chunk4>>=
```

```
(print "Start")
```

The end

```
<<<chunk4>>>
```

This is the factorial function:

```
(defun factorial (n)
```

```
  (if (<= n 1)
```

```
<<<base-case>>>
```

```
<<<recursive-case>>>
```

```
  ))
```

The base case is simple, just check for $n=1$ less:

```
<<base-case>>=
```

```
  1
```

The recursive step is $n \times n - 1$:

```
<<recursive-case>>=
```

```
  (* n (factorial (1- n)))
```

0.3 Extracts

Extract test This has been extracted

```
(+ 1 2)
```

Extract 3

Start End

0.4 Includes

Include test This is includeA

```
(print "include A")  
(print "Include")
```

This is includeB

```
(print "include B")
```

0.5 Ignore

0.6 Conditional output

When test This should appear

This is latex text

0.7 Erudite syntax

0.7.1 Subsection

0.7.2 Subsubsection

0.7.3 Verbatim

```
This is in verbatim
```

0.7.4 Code

```
(defun hello-world ()  
  (print "Hello world"))
```

0.7.5 List

- First item
- Second item

0.7.6 Emphasis

This is emphasized

This is in bold

This is in italics

0.7.7 Inline verbatim

This is in inline verbatim

0.7.8 Link

Erudite

0.7.9 Reference

hello-world

0.7.10 Label and index

This section is labelled

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