Unspecified Veriopt Theory

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Contents

1 Snipping

theory *Snipping*
  imports *Main*
  keywords
    snipbegin :: *document-heading* **and**
    snipend :: *document-heading*
begin

Snippets allow specific components of the LaTeX document preparation to
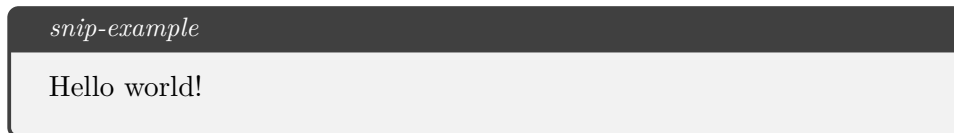be included in other documents.

ML ‹
```
(*
I thought the document-command was what generated the LaTeX output,
however, it appears to be hard−coded which makes this a bit of a hack.
*)
fun wrapped-command (command: string) (name: string option) trans =
  let
    val command = \\ ^ command
    val argument = case name of
      NONE =>  |
      SOME v => ({ ^ v ^})
    val doc = Input.string (command ^ argument)
    val - = @{print} doc;
  in
    Toplevel.keep (fn - => ()) trans
  end

val - =
  Outer-Syntax.command (snipbegin, here) start a snippet
    (Parse.document-source >> (fn n => wrapped-command isamarkupsnipbegin
(SOME (Input.string-of n))));
```

val - =
  Outer-Syntax.command (snipend, **here***) finish a snippet*
    (Parse.document-source >> (fn - => wrapped-command isamarkupsnipend
(NONE)));
⟩

Snippets should be enclosed within the **snipbegin** and **snipend** commands.
For example, the box below is produced by the following:

snipbegin "snip-example"
text "Hello world!"
snipend

> *snip-example*
>
> Hello world!

end