

# Unspecified Veriopt Theory

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<b>1 Snipping</b>	<b>1</b>
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## 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.

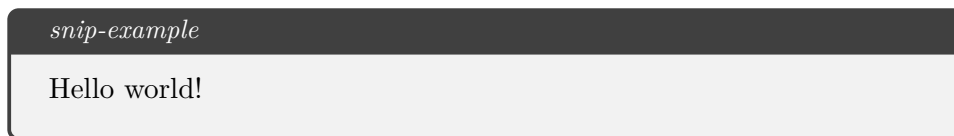
```
ML ⟨
  (*
    I thought the document-command was what generated the LaTeX output,
    however, it appears to be hard-coded which makes this a bit of a hack.
  *)
  fun wrapped-command (command: string) (name: string option) =
    let
      val command = \ \ ^ command
      val argument = case name of
        NONE => |
        SOME v => ({ ^ v ^ })
      val doc = Input.string (command ^ argument)
    in
      (Pure-Syn.document-command {markdown = false} (NONE, doc))
    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
```



```
end
```