Miscellaneous examples and experiments for Isabelle/Pure

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Chapter 1

Alternative document headings

```
theory Alternative_Headings
  imports Pure
  keywords
    "chapter*" "section*" "subsection*" "subsubsection*" :: document_heading
begin

ML ‹
local

fun alternative_heading name body =
  [XML.Elem (Markup.latex_heading (unsuffix "*" name) |> Markup.optional_argument
"*", body)];

fun document_heading (name, pos) =
  Outer_Syntax.command (name, pos) (name ^ " heading")
    (Parse.opt_target -- Parse.document_source --| Scan.option (Parse.$$$ ";")
>>
      Document_Output.document_output
        {markdown = false, markup = alternative_heading name});

val _ =
  List.app document_heading
   [command_keyword ‹chapter*›,
    command_keyword ‹section*›,
    command_keyword ‹subsection*›,
    command_keyword ‹subsubsection*›];

in end›

end
```

Chapter 2

Some examples of alternative document headings

theory *Alternative_Headings_Examples*
  imports *Alternative_Headings*
begin

2.1 Regular section

2.1.1 Regular subsection

Regular subsubsection

Alternative subsubsection

Alternative subsection

Alternative section

end