

makedoc & fifinddo¹ File Handling Commands

Uwe Lück, 2012/03/18

`\usepackage{makedoc}`, see `makedoc.pdf` for details

Most simple: `\MakeInputJobDoc` in `(jobname).tex` after `\begin{document}`

```
\MakeInputJobDoc{<header-lines>}{<main-parser>}
\MakeInputJobDoc[<in-ext>]{<header-lines>}{<main-parser>}
\MakeInputJobDoc[<out-ext>][<in-ext>]{<header-lines>}{<main-parser>}
```

documents `\mdJobName.<in-ext>` via `\mdJobName.<out-ext>`, `<in-ext>` \rightarrow *default* `sty`, `<out-ext>` \rightarrow *default* `doc`, `\mdJobName` \rightarrow *default* `<jobname>`

<code><main-parser></code>	detects	involves
<code>\SectionLevelThreeParseInput</code>	<code>====<title>_====</code>	<code>\mdSectionLevelThree</code>
<code>\SectionLevelTwoParseInput</code>	<code>===<title>_===</code>	<code>\mdSectionLevelTwo</code>
<code>\SectionLevelOneParseInput</code>	<code>==<title>_==</code>	<code>\mdSectionLevelOne</code>
<code>\ProcessInputWith{PPScomment}</code>	<code>%<comment></code>	<code>%<empty></code> , <code>mdoccorr.cfg</code>
<code>\ProcessInputWith{PScomment}</code>	<code>%<comment></code>	<code>%<empty></code> , <code>mdoccorr.cfg</code>

Preprocessing before `\begin{document}`: `\MakeJobDoc` (same parameters)

More fine-grained:

a. Choices for next preprocessing run:

`\ResultFile{<output>}` opens `<output>`

`\Headerlines{<header-lines>}` `\MakeJobDoc`'s first mandatory argument

`\MainDocParser{<main-parser>}` `\MakeJobDoc`'s second mandatory argument

`\ProcessLineMessage{<message>}` `<message>` \rightarrow *default* `\message{.}`

`\input{mdoccorr.cfg}` chooses `\MakeDocCorrectHook`

b. Manual insertions to `<output>`:

`\WriteResult{<balanced>}` writes `<balanced>` to `<output>`

`\WriteProvides` writes `\ProvidesFile` line from `fifindo`

`\LaTeXresultFile{<output>}` issues `\ResultFile{<output>}`, writes `\ProvidesFile` line from `makedoc`

c. Processing `<input>`, closing `<output>`:

`\ProcessFileWith{<input>}{<loop-body>}` reads each `<input>` line to macro `\fdInputLine`, applies `<loop-body>`

`\MakeDoc{<input>}` inputs `mdoccorr.cfg` copies `<header-lines>` from `<input>` to `<output>`, applies `<main-parser>`

`\CloseResultFile` closes `<output>`

`\MakeCloseDoc{<input>}` issues `\MakeDoc{<input>}\CloseResultFile`

`\MakeSingleDoc[<out-ext>]{<in-output>.<in-ext>}` issues `\LaTeXresultFile{<in-output>.<out-ext>}` and `\MakeDocCloseDoc{<in-output>.<in-ext>}`, `<out-ext>` \rightarrow *default* `doc`,

d. Avoid `\input{mdoccorr.cfg}` by `\MakeInputJobDoc*`, `\MakeJobDoc*`, `\MakeDoc*`, `\MakeCloseDoc*`, or `\MakeSingleDoc*`

¹<http://ctan.org/pkg/nicetext>