makedoc & fifinddo¹ File Handling Commands

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```
\usepackage{makedoc}, see makedoc.pdf for details
Most simple: \[ \MakeInputJobDoc \] in \( jobname \). tex \( after \) begin{document}
                                                                                  \MakeInputJobDoc\{\langle header-lines \rangle\}\{\langle main-parser \rangle\}
                                                                  \MakeInputJobDoc[\langle in-ext \rangle] \{\langle header-lines \rangle\} \{\langle main-parser \rangle\}
                                               \label{localization} $$\MakeInputJobDoc[\langle out\text{-}ext\rangle] [\langle in\text{-}ext\rangle] {\langle header\text{-}lines\rangle} {\langle main\text{-}parser\rangle} $$
documents \mdJobName.\langle in\text{-}ext \rangle via \mdJobName.\langle out\text{-}ext \rangle, \langle in\text{-}ext \rangle \rightarrow_{default} sty, \langle out\text{-}ext \rangle \rightarrow_{default}
\texttt{doc}, \texttt{\ \ } \texttt{\ \ \ } \texttt{\ \ } \texttt{
                                      \langle main-parser \rangle
                                                                                                                                                                                                                         involves
                                                                                                                                                            detects
                                      \SectionLevelTwoParseInput
                                                                                                                                                            ===\downarrow \langle title \rangle \downarrow \downarrow ===
                                                                                                                                                                                                                          \mdSectionLevelTwo
                                      \SectionLevelOneParseInput
                                                                                                                                                            ==_{\sqcup}\langle title \rangle_{\sqcup}==
                                                                                                                                                                                                                          \mdSectionLevelOne
                                      \ProcessInputWith{PPScomment} \%\_\comment
                                                                                                                                                                                                                         \% \langle empty \rangle, mdoccorr.cfg
                                      \ProcessInputWith{PScomment} % \Box \langle comment \rangle
                                                                                                                                                                                                                         \langle empty \rangle, mdoccorr.cfg
Preprocessing before \begin{document}: \MakeJobDoc (same parameters)
More fine-grained:
a. Choices for next preprocessing run:
\label{eq:local_relation} $$\operatorname{ResultFile}(\langle output \rangle)$ opens <math>\langle output \rangle$
 \mathbb{N} MainDocParser\{\langle main-parser \rangle\} \mathbb{N} MakeJobDoc's second mandatory argument
\lceil ProcessLineMessage \{ \langle message \rangle \} \rceil \langle message \rangle \rightarrow_{default} \lceil message \{ . \} \rceil
\input{mdoccorr.cfg} chooses \MakeDocCorrectHook
b. Manual insertions to \langle output \rangle:
[\WriteResult{\langle balanced \rangle}] writes \langle balanced \rangle to \langle output \rangle
\WriteProvides | writes \ProvidesFile line from fifindo
|\Delta TeXresultFile{\langle output \rangle}| issues \mathbb{C}_{\langle output \rangle}, writes \Pr Output > 1, writes ProvidesFile line from
                   makedoc
c. Processing \langle input \rangle, closing \langle output \rangle:
\P reads each \langle input \rangle line to macro \P applies
                   \langle loop\text{-}body \rangle
```

 $\langle main-parser \rangle$

 $[MakeCloseDoc{\langle input \rangle}]$ issues $MakeDoc{\langle input \rangle}\CloseResultFile$

 $\mathbb{A}_{\text{MakeDoc}}(input)$ inputs mdoccorr.cfg copies $\langle header-lines \rangle$ from $\langle input \rangle$ to $\langle output \rangle$, applies

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

 $[\]CloseResultFile closes \langle output \rangle$

¹http://ctan.org/pkg/nicetext