

MEDFORD Grammar

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$\langle comment \rangle$::= from # to end-of-line
$\langle macro \rangle$::= $\texttt{@} \langle string-literal \rangle$ $\texttt{@} \{1^*(\langle string-literal \rangle \mid \langle whitespace \rangle)\}$
$\langle L\!A\!T\!E\!X\text{-}literal \rangle$::= $\texttt{\$} \langle L\!A\!T\!E\!X \rangle \texttt{\$}$
$\langle text \rangle$::= $*(\langle string-literal \rangle \mid \langle L\!A\!T\!E\!X\text{-}literal \rangle \mid \langle macro \rangle \mid \langle whitespace \rangle)$ terminated by ($\texttt{\#} \mid \texttt{@} \mid \texttt{@}$)
$\langle macro\text{-}def \rangle$::= $\langle macro \rangle \langle whitespace \rangle \langle text \rangle$
$\langle minor\text{-}token \rangle$::= $\langle string-literal \rangle$ (expected tokens defined in the spec)
$\langle data\text{-}prov\text{-}token \rangle$::= $\texttt{Data_Primary} \mid \texttt{Data_Copy} \mid \texttt{Data_Ref}$ $\texttt{Code_Primary} \mid \texttt{Code_Copy} \mid \texttt{Code_Ref}$ $\texttt{Paper_Primary} \mid \texttt{Paper_Copy} \mid \texttt{Paper_Ref}$
$\langle major\text{-}token \rangle$::= $\texttt{Code} \mid \texttt{Comment} \mid \texttt{Contributor} \mid \texttt{Data} \mid \texttt{Date} \mid \texttt{Expedetion}$ $\texttt{File} \mid \texttt{Funding} \mid \texttt{Keyword} \mid \texttt{Method} \mid \texttt{Paper} \mid \texttt{Software}$ $\texttt{Species} \mid \texttt{Version}$ $\langle data\text{-}prov\text{-}token \rangle$ $\langle string-literal \rangle$
$\langle metadata \rangle$::= $\texttt{@} \langle major\text{-}token \rangle - \langle minor\text{-}token \rangle \langle whitespace \rangle \langle text \rangle$
$\langle statement \rangle$::= $\langle metadata \rangle$ $\langle comment \rangle$ $\langle macro\text{-}def \rangle$ $\langle empty \rangle$
$\langle MEDFORD \rangle$::= $*(\langle statement \rangle)$

Notes:

- $\langle string-literal \rangle$ excludes whitespace