

MEDFORD Grammar

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

Notes:

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