MEDFORD Grammar

⟨*comment*⟩   ::= from **#** to end-of-line

⟨*macro-name*⟩   ::= ⟨*string-literal*⟩

⟨*macro*⟩   ::= `` `@ `` ⟨*macro-name*⟩
            | `` `@ `` {⟨*macro-name*⟩}

⟨*LATEX-literal*⟩   ::= **$$** ⟨*valid-LATEX*⟩ **$$**

⟨*text*⟩   ::= *(⟨*string-literal*⟩ | ⟨*LATEX-literal*⟩ | ⟨*macro*⟩ | ⟨*whitespace*⟩)
            terminated by (**#** | **@** | `` `@ ``)

⟨*macro-def*⟩   ::= `` `@ `` ⟨*macro-name*⟩ ⟨*whitespace*⟩ ⟨*text*⟩

⟨*minor-token*⟩   ::= ⟨*string-literal*⟩ (parsable tokens defined in the spec)

⟨*data-prov-token*⟩ ::= `Data_Primary` | `Data_Copy` | `Data_Ref`
            | `Code_Primary` | `Code_Copy` | `Code_Ref`
            | `Paper_Primary` | `Paper_Copy` | `Paper_Ref`

⟨*major-token*⟩   ::= `Comment` | `Contributor` | `Data` | `Date` | `Expedetion` |
            `File` | `Funding` | `Keyword` | `Method` | `Paper` | `Software` |
            `Species` | `Version`
            | ⟨*data-prov-token*⟩
            | ⟨*string-literal*⟩

⟨*metadata*⟩   ::= **@** ⟨*major-token*⟩ **-** ⟨*minor-token*⟩ ⟨*whitespace*⟩ ⟨*text*⟩

⟨*statement*⟩   ::= ⟨*metadata*⟩
            | ⟨*comment*⟩
            | ⟨*macro-def*⟩
            | ⟨*empty*⟩

⟨*MEDFORD*⟩   ::= *⟨*statement*⟩

Notes:

- <*string-literal*> excludes whitespace