A BNF grammar for BNF

The following rules define the non-terminals for the meta-grammar of BNF. The special production for the first rule makes it easier to define the start symbol to be the left-hand side of the first production.

```
::= \langle first\_rule \rangle \langle rules \rangle
\langle bnf \rangle
\langle first\_rule \rangle
                                         ::=\langle rule\rangle
\langle rule \rangle
                                         ::= \langle non\_terminal \rangle \langle maybe \rangle \langle sequence \rangle \langle alternatives \rangle
\langle rules \rangle
                                                                                                                                 \langle rule \rangle \langle rules \rangle
                                                    \langle empty \rangle
                                         ::=
                                                                                                                                 \langle bar \rangle \langle sequence \rangle \langle alternatives \rangle
\langle alternatives \rangle
                                                    \langle empty \rangle
                                         : :=
\langle sequence \rangle
                                                                                                                                 \langle sequence1 \rangle
                                         ::=
                                                     \langle empty \rangle
\langle sequence1 \rangle
                                         ::=
                                                      \langle element \rangle
                                                      \langle sequence1 \rangle \langle delimited-element \rangle
                                                      \langle sequence1 \rangle \langle space \rangle \langle element \rangle
\langle delimited\text{-}element \rangle ::= \langle non\_terminal \rangle
                                                                                                                                 \langle delimited\text{-}terminal \rangle
\langle element \rangle
                                         ::= \langle non\_terminal \rangle
                                                                                                                                 \langle terminal \rangle
\langle non\_terminal \rangle
                                         ::= \langle left\_angle \rangle \langle identifier \rangle \langle right\_angle \rangle
\langle delimited\text{-}terminal \rangle ::= \langle quote \rangle \langle non\_quote\_seq \rangle \langle quote \rangle
                                                      \langle dquote \rangle \langle non\_dquote\_seq \rangle \langle dquote \rangle
\langle terminal \rangle
                                         ::= \langle delimited-terminal \rangle
                                                     a sequence of non-space, non "<>:=""""
                                                     characters.
```

The following rules define some of the terminals for the meta-grammar of BNF.

The rules for *identifier*, *non_quote_seq* and *non_dquote_seq* remain undefined at this point, but these are easily specified.

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