IEEE Standards Interpretations for IEEE Std 1003.2™-1992 IEEE Standard for Information Technology--Portable Operating System Interfaces (POSIX®)-- Part 2: Shell and Utilities

Interpretation Request #111
Topic: yacc **Relevant Clauses:** A.3.7.4

Lines 1133-1134 state that "All assigned token numbers shall be unique and distinct from the token numbers used for literals. "Historically, this uniqueness has only been guaranteed among the token numbers assigned by yacc; it was possible for yacc-assigned token numbers to have the same value as user-assigned token numbers. My question is, should the above quotation from the standard be taken to mean that YACC-assigned token numbers are unique among themselves, or across all token numbers, including user-assigned ones?

Interpretation Response
The standard is unclear on this issue, and no conformance distinction can be made between alternative implementations based on this. This is being referred to the sponsor.

Rationale for Interpretation
None.