

Deviations from ISO Standard Z

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1. Operator applications as arguments of juxtaposed applications must be parenthesized, e.g. `succ inv 42` must be `(succ inv) 42`. (This is a consequence of using an LALR(1) parser generator.)
2. The prelude section does not define *number_literal_0* or *number_literal_1*, as CADiZ's inference rules for numeric reasoning don't need them.
3. Operator precedences are limited in range to 0..4294967292.
4. The mark-ups of various words are reserved because of their use in extensions to Standard Z. The typeset forms of these words include *comment* (from comment predicates), *undecor* (from undecoration expressions), \vee (from exclusive or predicates and expressions), \oplus (from schema overriding expressions), *post* (from postcondition expressions), \dagger (from sequents and type-constrained generics), Δ (from specification statements), **as**, **_expr**, **_exprs**, **_pred**, **_stxt**, **_decl**, **_decls**, **_name**, **_names**, **_type** (all from the pattern sub-language of the tactic language). Also, the double quote character is reserved from use in words because of its use to delimit string literals.

IT 8-Feb-2002