

Prescan Design Considerations

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September 17, 2014; DRAFT

The prescan uses the following rules to find the operator being defined:° ° check with code

0. Split up the definee into definee items, where a definee item can be: `identifier`, `number_constant`, `'_'` `formal_subscript`, or `'(' ... ')'`.
1. If there only one definee item and it is an identifier, it is a constant definition, not an operator.
2. If there is a user-definable operator among them, that is the one.
3. If there is a subscript, it identifies the operator.
4. If there are three definee items and the middle one is a large identifier, then that is the operator.
5. If there are two definee items and the first one is a large identifier, then that is the operator.
6. If there are two definee items and the second one is a large identifier, then that is the operator.
7. Otherwise the definition is erroneous.

Depending on its position the operator is defined as a prifix or a postfix operator. Any name not so defined is an identifier.

Multiple operators in a definee will draw syntax errors later on.