

Declaration statements primarily store information in the symbol table. The entries are initiated when a symbol is first detected in the tokenizer. The parser supplies the context of such a declaration. Declarations may include:

1. Identifiers
2. Identifier Lists
3. Array Sub lists (indices).

These three types have semantic actions that are required to obtain symbol entries from the parser. Once the parser indicates a enough information is acquired, then that information is used to augment the symbol table. Note that the quad table is not directly effected by a declaration statement.