

Semantic Actions are embedded with the syntax analysis functions capturing the semantics of the program.. As syntax is being analyzed, a semantic representation of the program is produced. There is such a thing as a quad table, and this table captures the meaning of the program in a concise way.

Semantic actions are associated with the syntax production rules they accompany. Semantics are an intricate part of a languages constructs. Furthermore, some semantics can define the very paradigm that a language represents.