

Mantis Item: 1704

Purpose: The purpose of this was to clarify that if a sequence matches empty, then none of the match items should be evaluated or executed.

The proposal has now evolved to state that if there exists a `sequence_match_item`, then it is illegal to specify an empty match. This is consistent with the existing formal semantics in Annex E, and provides for a consistent operation regardless of they type of `sequence_match_item`.

REPLACE:

17.9 Calling subroutines on match of a sequence

Tasks, task methods, void functions, void function methods, and system tasks can be called at the end of a successful match of a sequence. The subroutine calls, like local variable assignments, appear in the comma-separated list that follows the sequence. The subroutine calls are said to be attached to the sequence. The sequence and the list that follows are enclosed in parentheses.

WITH:

17.9 Calling subroutines on match of a sequence

Tasks, task methods, void functions, void function methods, and system tasks can be called at the end of a successful `non-empty` match of a sequence. The subroutine calls, like local variable assignments, appear in the comma-separated list that follows the sequence. The subroutine calls are said to be attached to the sequence. `The sequence to which a subroutine call, or any sequence_match_item is attached must not admit an empty match.` The sequence and the list that follows are enclosed in parentheses.