

Report of the Committee on Procedure Declarations and
Procedure calls with only one list of parameters

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Whichever proposal is finally adopted the comments of subcommittee 5 in AB 8.1.5 are relevant.

✓ For the successful use of a procedure, its purpose must be understood, and parameters appearing in a call of the procedure must be in accordance with the expressed intentions of the author. For this reason no formal rules governing admissible actual parameters should be made. In particular, we need not even specify which are input and which are output parameters, and then the rules for replacement of formal by actual parameters on page 53 of DOCUMENT 4B (line 7-20) continue to apply for simple variables. A procedure may conceivably make use as parameters of all kinds of identifiable entities, and for each of these appropriate replacement rules must be given, whether the proposal to amalgamate input and output parameters is accepted or not.

If the procedure admits the use of an expression as an actual parameter, then the effect of doing so is as if a variable were introduced and assigned the value of the expression at call time, and treated as the actual parameter.

→ Apart from appropriate corrections to the syntax in DOC 5, 4..1. the new proposal will render obsolete 4..5, 4..8, 4..9 and DOCUMENT 10,5.

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If an expression reduces to a variable then this introduced variable should coincide with it.