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SUBJECT: A new feature for condition handling

Situations arise in the execution of some condition handlers when it is discovered that this handler should not have been invoked to handle this occurrence of the condition. Examples include the absentee overseer's handler for record quota overflow. This handler only wants to be invoked for record quota overflows on the absentee output file. Another example is the message primitives that only want to handle conditions if they occur while referencing a message segment. Currently there is no way for the handler itself to dynamically reject such an invocation. In order to provide such a facility an additional argument will be passed in the call to the handler by `signal_`. If the handler wishes to reject the call it simply modifies the additional argument and returns. `signal_` will then continue the search for a handler as if one had not been found. If the additional argument is not modified and the handler returns, `signal_` will simply return to its caller as it does now. This feature may also be used by handlers wishing to do some processing on a condition, but do not wish to terminate the signalling process.

Note that PL/I on-conditions cannot make use of this feature since handlers are implemented as begin blocks which take no arguments.