

MUMPS Development Committee

Extension to the MDC Standard
Type A Release of the MUMPS Development Committee

Parameter passing cleanup

March 1996

Produced by the MDC Subcommittee #15
Programming Structures

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The reader is hereby notified that the following MDC specification has been approved by the MUMPS Development Committee but that it may be a partial specification that relies on information appearing in many parts of the MDC Standard. This specification is dynamic in nature, and the changes reflected by this approved change may not correspond to the latest specification available.

Because of the evolutionary nature of MDC specifications, the reader is further reminded that changes are likely to occur in the specification released, herein, prior to a complete republication of the MDC Standard.

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1.1 Title: Parameter passing cleanup

1.2 MDC Proposer and Sponsor:

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Sponsor:
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1.3 Motion:

None: This document is the final write-up and supersedes X11/SC15/96-5.

1.4 History:

April 1996	X11/96-35	Final write-up.
Mar. 1996	X11/SC15/96-5	Passed as MDC type A (26:0)
Oct. 95	X11/SC15/TG9/95-105	Passed as SC15 type A (21:0:6)
		Passed in task group (11:0:2)
June 95	X11/SC15/TG9/95-2	initial proposal, Passed as amended by SC15 (23:0:1)
		Passed as amended by TG9 (11:0:1)

1.5 Dependencies

2. Justification of Proposed Change

2.1 Needs

As part of the canvass review, several points that could use clarification were pointed out. In 8.1.7.a.3 I think that skipped may be what we want in place of NULL.

2.2 Existing Practice in Area of the Proposed Change

No change

3. Description of Proposed Change

3.1 General Description of the Proposed Change.

1. That the use of actual in place of actuallist would make it clear in 8.1.7 a.2. that it is the "current" actual that is being referred to.
2. In section 8.1.7 a.3. the meaning of NULL is not in the standard, and should be changed to SKIPPED.
3. In section 8.1.7, to be consistent in the use of "call-by-reference".

3.2 Annotated Examples of Use

none

3.3 Formalization

8.1.7 Parameter passing

In the last line of the 3rd paragraph, replace 'format.' with 'format; otherwise it is said that the actual is of the omitted-parameter format.'

In paragraph a.2. change the use of 'actuallist' to 'actual' in two places.

In paragraph a.3. change the word 'null' to 'omitted-parameter'.

In paragraph 14. change the sentence that starts "When calling to an externref, pass-by-reference" to "When calling to an externref, call-by-reference"

In the index replace 'pass-by-reference' with 'call-by-reference' and 'pass-by-value' with 'call-by-value'.

4. Implementation Impacts

4.1 Impact on Existing User Practices and Investments

No change

4.2 Effect on Existing Vendor Practices and Investments

No change, because this should be just a clarification to the standard.

4.3 Techniques and Costs for Compliance Verification

No change

4.4 Legal Considerations

none.

5. Closely Related Standards Activities

5.1 Other X11 Proposals Under Consideration.

none

5.2 Other Related Standards Efforts

none

5.3 Recommendations for Coordinating Liaison

none.

6. Associated Documents

X11/95-50

7. Issues, Pros and Cons, and Discussion

June 95

Pro

1. Clarifies Standard
2. Addresses canvass concern

Oct. 95

Pro

1. Clarifies Standard
2. Addresses canvass concern

8. Glossary

none

9. Appendix

none