

To: WG5
From: /interp
Subject: How to get edits from defect items into F95

With the schedule and plans currently in place, we would like to suggest a change in the way defect items are processed (just for the next batch) to ensure that as many edits to Fortran 90 as possible are incorporated into Fortran 95 without having to resort to a corrigenda.

Here's our suggested plan of attack:

- 1) For any defect items which WG5 informally approves at this meeting, we would like to treat these as APPROVED by WG5, READY for SC22, subject to them PASSING the X3J3 letter ballot after the X3J3 meeting next week. As always, we will welcome comments on the letter ballot from non-X3J3 members, and consider the technical merits of those comments in deciding whether an item passes (fyi, we sometimes fail items which legally passed, due to new technical concerns which are raised).
- 2) We suggest WG5 direct X3J3 to create a list of edits to be applied to Fortran 95, based on those defect items which pass, to be immediately incorporated into Fortran 95, before the DIS ballot (but unfortunately after the draft DIS has been prepared). Alternatively, Miles could run the DIS ballot on a document PLUS a list of edits provided separately.
- 3) Since defect items sometimes fail even though everyone likes the text of the edits, we suggest the X3J3 letter ballot procedure be changed. We would require a NO vote on a defect item to also specify a YES or NO vote on the edits themselves with respect to both Fortran 90 and Fortran 95 (3 votes for the one item). In this way someone can vote no (against a discussion, or faulty example perhaps), but yes to incorporate the edits in either F90 or F95 or both. If an item fails the J3 letter ballot, but passes the F90 "edits" vote, the discussion will be fixed at the next X3J3 meeting.

We will keep three tallies, and if the F95 vote meets the legal requirements, and there are no new technical issues, then those edits will be applied to F95, and similarly for F90 and corrigenda 3.

- 4) Any remaining F90 defect items (those which fail, or were not balloted) which require an edit will be rephrased for the Fortran 95 standard, and will NOT be processed as Fortran 90 defect items.

- 5) X3J3 will attempt to answer F90 interps which do not require any edits at the next two meetings (Nov 95 and Feb 96). This will allow the text of the defect item to be included with all the other defect associated with corrigenda 3.