

# **Report from the Convener on WG5 activities**

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## **Abstract**

We review the work of WG5 over the past year.

BCS Fortran  
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## **Fortran 2008, Tokyo, November 2008**

The meeting in Tokyo was very important. As well as a large number of technical concerns expressed in the ballots on the draft standard, concern had been expressed about the size of the revision and its schedule despite the reductions and the extension of the schedule that were agreed at the February meeting.

Excellent progress on the technical concerns was made in Tokyo, but the Editor was concerned about integrating them all into the draft after only two more meetings of J3. It was therefore agreed to review the schedule at the May meeting with the view of a possible further delay of 6 months. No further reduction in the size of the revision was made.

## **Fortran 2008, Las Vegas, May 2009**

At the May meeting, WG5 reviewed the latest draft which includes the changes agreed in Tokyo and gave permission for two tiny technical changes. Apart from this, the ban on further revision has been maintained.

It was decided that one J3 meeting would be sufficient to produce the Final CD.

Because there should be less for the Editor to do after the meeting, it is anticipated that the final delay will be 2 months and lead to publication in August 2010.

## **Interpretations**

Work on interpretations has continued steadily.

Corrigendum 3 was published in November 2008.

Corrigendum 4 has been sent to SC22 and is currently out for vote with the deadline of 18 June. Unfortunately, two errors were found by USA. They were discussed at the meeting in May 2009 and it was agreed that all the countries present would vote in the same way. It is my belief that we will be allowed to make the corrections before publication without a further ballot.

Further interpretations are being processed and it is expected that the final corrigendum for Fortran 2003 will be ready later this year. After that, interpretations will be constructed against Fortran 2008.

## **Technical Report on further interoperability**

It was always expected that work on the TR on further interoperability with C would have lower priority than work on Fortran 2008. At the Tokyo meeting, it was discussed only on the last morning. Following this, a draft (N1761) was issued for an informal WG5 ballot. The ballot yielded many comments and the Working Group has not yet provided a revised draft.

At the May meeting this new schedule was agreed:

New draft constructed	2009-12
Draft reviewed by WG5	2010-02
WG5 ballot	2010-03
PDTR forwarded to SC22	2010-04
TR published	2011-03

## **TR on Enhanced Parallel Computing Facilities**

At the meeting in February 2008, it was decided the move these parts of the coarray feature to a new Technical Report:

1. The collective intrinsic subroutines.
2. Teams and features that require teams.
3. The NOTIFY and QUERY statements.
4. File connected on more than one image, unless preconnected as OUTPUT\_UNIT or ERROR\_UNIT.

Little work has been done on this, but the following schedule was agreed in May 2009:

First draft available	2010-07
WG5 review draft	2010-08
New draft constructed by email	2011-01
Draft reviewed by J3	2011-02
WG5 ballot	2011-03
PDTR forwarded to SC22	2011-04
TR published	2012-03