

Comments on Document 1205 submitted by J. Reid

4.8 Parallelism

The titles of 4.8.1, 4.8.2, 4.8.3 are in red.

Clause 5. There are two items 1. In the second, set “implicit none” in courier.

6.8.1 Applicability to language

At the end of para 5 (after “input.”) add

If the character variable that defines an internal file is too short for the output sent to it, an error condition results. This may be detected with an `iostat=` or `end=` specifier; without one of these, error termination occurs.

Delete the comment.

6.9.2 Guidance to language users

Delete bullet 2 and the comment that goes with it. [Covered by bullet 1.]

Delete bullet 4. [Covered by bullet 1.]

6.54.1 Applicability to language

In para 4, change “in a multithreaded environment” to “between recursive invocations of a procedure and shared in a `do concurrent` construct if declared in the construct”.

6.54.2 Guidance to language users

In bullet 4, change “in multithreaded contexts” to “in recursive invocations of a procedure and in `do concurrent` constructs”.

6.55 Unspecified Behaviour [BQF]

Add “**6.55.1 Applicability to language**”

Change “does not apply” to “applies”.

Change “As all” to “Many”.

Add

6.55.2 Guidance to language users

Follow the guidance of ISO/IEC 24772-1 clause 6.55.5.

6.56.2 Guidance to language users

Add “referenced” at the end of the final bullet.

6.57.1 Applicability to language

In para 2, change “(2010)” to “:2018”.

6.57.2 Guidance to language users

Add “referenced” at the end of the final bullet.

6.58.1 Applicability to language

In para 2, change “might be replaced by better methods” to “for which better methods are available in ISO/IEC 1539-1:2018”.

6.59.1 Applicability to language

In para 1, change "concurrently" to "asynchronously".

In para 2 delete "_" in "do_concurrent".

Delete para 3. [It is wrong.]

Delete para 4. [Now covered by 4.8.3.]

6.59.2 Guidance to language users

Change "TBD" by

Begin the main program with a `sync all` statement containing a `stat=` specifier. If this has the value `stat_failed_image` from the intrinsic module `iso_fortran_env` take appropriate action.

6.60 Concurrency – Directed termination [CGT]

Delete the final sentence. [It is wrong – error stop causes all images to terminate.]