# Fortran Working Group Dublin Meeting Summary

September 2008

#### Fortran Issues

- Going to use Fortran subroutines
  - So cannot compile Fortran directly to C
  - Therefore MPI's must continue to have a Fortran shim layer
- Fortran committee has agreed to 2003 TR
  - Fortran equivalent to (void\*)
  - Greatly helps the MPI Fortran bindings

### The Big Issue

- Buffer aliasing
  - Some proposals for fixing
  - Not clear yet which is the Right solution

```
call MPI_Isend(buffer....., req)
    call MPI_Wait(req...)
           buffer = 3
```

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call MPI_Isend(buffer....., req)
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  call MPI_Address(buffer)
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