

DCPAM Reference Manual

GFD Dennou Club

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1 Module `dycore_grid_mod`

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- Version: \$Id: dycore_grid.f90,v 1.4 2005/01/03 12:48:05 morikawa Exp \$
- Tag Name: \$Name: \$
- Change History:

1.1 Overview

Provide Grid Information.

1.2 Error Handling

1.3 Known Bugs

1.4 Note

1.5 Future Plans

1.6 Dependency

```
use dycore_type_mod      , only : STRING
use grid_3d_mod          , only : im, jm, km
use grid_wavenumber_mod, only : nm
```

1.7 Public Interface

```
private
public :: dycore_grid_init, dycore_grid_end ! subroutines
public :: im, jm, km, nm                   ! variables
```

1.8 Procedure Interface

1.8.1 Initialize module

`grid_3d_mod` と `grid_wavenumber_mod` の初期化を行なう。

```
subroutine dycore_grid_init
```

Dependency

```
use dycore_type_mod      , only: STRING
use grid_3d_mod          , only: grid_3d_init
use grid_wavenumber_mod, only: grid_wavenumber_init
use dc_trace             , only: DbgMessage, BeginSub, EndSub
```

1.8.2 Terminate module

grid_3d_mod と grid_wavenumber_mod の終了処理を行なう。

```
subroutine dycore_grid_end
```

Dependency

```
use grid_3d_mod          , only: grid_3d_end
use grid_wavenumber_mod, only: grid_wavenumber_end
use dc_trace             , only: DbgMessage, BeginSub, EndSub
```