

Pengenalan Message Passing Interface (MPI)

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1 Pendahuluan

Apakah *message passing interface* tersebut?

2 Program sederhana

Mari kita mulai dengan program yang sederhana:

```
PROGRAM simple01
  IMPLICIT NONE
  INCLUDE 'mpif.h'
  INTEGER :: rank, Nprocs, ierr
  CALL MPI_Init(ierr)
  CALL MPI_Comm_size(MPI_COMM_WORLD, Nprocs, ierr)
  CALL MPI_Comm_rank(MPI_COMM_WORLD, rank, ierr)
  WRITE(*,*) 'Hello, I am proc: ', rank, ' from ', Nprocs, ' total processes'
  CALL MPI_Finalize(ierr)
END PROGRAM
```

```
PROGRAM simple01
  IMPLICIT NONE
  USE 'mpi.h'
  INTEGER :: rank, Nprocs, ierr
  CALL MPI_Init(ierr)
  CALL MPI_Comm_size(MPI_COMM_WORLD, Nprocs, ierr)
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END PROGRAM
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