

Time-Loop

## MMD2WAY\_CHILD

### mmd2way\_child\_init\_loop

- **exchange\_interpol\_data**
  - \* MMD\_C\_GetBuffer
  - \* MMD\_testC\_Compare
- switch\_par\_utilities(1)
- mmd2way\_prepare\_external\_data
  - \* external\_data
  - \* org\_read\_coarse\_data
- mmd2way\_child\_interpolation
  - \* org\_coarse\_interpol
  - \* org\_vert\_inter\_lm / org\_vert\_interpol
  - \* org\_2d\_fields
  - \* - / org\_lm\_fields
  - \* org\_lm\_output
- Interpol\_AddiArrays
  - \* interpol\_coarse\_OneLayer / scrip\_control
  - \* interpol\_vert\_AddiArray / vert\_ncinterpol
- switch\_par\_utilities(2)
- (- move\_initial\_arrays\_to\_COSMO)
- flag\_fields
- move\_boundary\_arrays\_to\_COSMO
- flag\_fields
- (- force\_vars\_from\_file)

### mmd2way\_child\_global\_end

- **interpol\_parent\_data**
  - SCRIP\_CONTROL
  - vert\_interpol\_lm2echam / vert\_interpol\_lm2lm
- **exchange\_parent\_data**
  - MMD\_C\_FillBuffer
- **exchange\_breakinfo**
  - MMD\_Inter\_Bcast

### mmd2way\_child\_write\_output

( mmd2way\_child\_read\_restart )  
( mmd2way\_child\_write\_restart )

### mmd2way\_child\_free\_memory

- org\_cleanup
- MMD\_testC\_FreeMem
- MMD\_C\_FreeMem

## MMD2WAY\_PARENT

### mmd2way\_parent\_global\_start

- MMD\_P\_FillBuffer

### mmd2way\_parent\_global\_end

- MMD\_P\_GetBuffer
- mmd2way\_parent\_couple\_gp
- MMD\_Inter\_Bcast

### mmd2way\_parent\_free\_memory

- MMD\_testP\_FreeMem
- MMD\_P\_FreeMem

clean-up