

RML Data Viewer

- args / print depth: 10 / type: string list / file: main.rml / position: 531.14.531.17 / live range: 522.3.533.1
 - LIST / type: string list / file: RML / position: 0.0.0.0 / depth: 0
 - STRING / type: string / file: +d=blt / position: 0.0.0.0 / depth: 1
 - STRING / type: string / file: FlexibleShaftTotal.mo / position: 0.0.0.0 / depth: 1
- p / print depth: 10 / type: Absyn.Program / file: main.rml / position: 276.29.276.29 / live range: 274.3.312.3
 - Absyn.PROGRAM[2] / type: ((Absyn.Class list, Absyn.Within) => (Absyn.Program)) / file: absyn.rml / position: 57.22.57.28 / depth: 0
 - LIST / type: Absyn.Class list / file: RML / position: 0.0.0.0 / depth: 1
 - Absyn.TOP[0] / type: Absyn.Within / file: absyn.rml / position: 73.38.73.40 / depth: 1

```

(** indicates the hieractical position of the program.
**)
datatype Program = | PROGRAM of Class list (* List of classes *)
                    * Within (* Within statement *)
                    | BEGIN_DEFINITION of Path (* For split definitions*)
                    * Restriction (* Class restriction *)
                    * bool (* Partial *)
                    * bool (* Encapsulated *)
                    | END_DEFINITION of Ident (* For split definitions *)
                    | COMP_DEFINITION of ElementSpec (* For split definitions*)
                    * Path option (* insert into.
                                   Default, NONE *)
                    | IMPORT_DEFINITION of ElementSpec(* For split definitions*)
                    * Path option (* insert into.
                                   Default, NONE *)

(** Within statements *)
datatype Within = WITHIN of Path | TOP

```

VARIABLE p HAS TYPE: Absyn.Program
 Now sending contents:
 please wait while "p" is send... variable "p" was sent!
 rmldb@>

```
args / print depth: 10 / type: string list / file: main.rml / position: 531.14.531.17 / live range: 522.3.533.1
├── LIST / type: string list / file: RML / position: 0.0.0.0 / depth: 0
│   ├── STRING / type: string / file: +d=blt / position: 0.0.0.0 / depth: 1
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```

```
** This is the main relation that the RML runtime system calls to
** start the translation.
**)
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```
relation main : string list => () =
```

```
rule
  RTOpts.args args => args' &
  RTOpts.debug_flag("interactive") => ismode &
  RTOpts.debug_flag("interactiveCorba") => icmode &
  bool_or(ismode,icmode) => imode &
  bool_not(imode) => imode' &
  Debug.bcall (ismode, interactivemode, args' ) &
  Debug.bcall (icmode, interactivemode_corba, args') &
  Debug.bcall (imode', translate_file, args')
  -----
  main args
```

```
end
```

modelica
Modelica
Confere...

```
Now sending contents:
please wait while "args" is send... variable "args" was sent!
rmldb0>
```