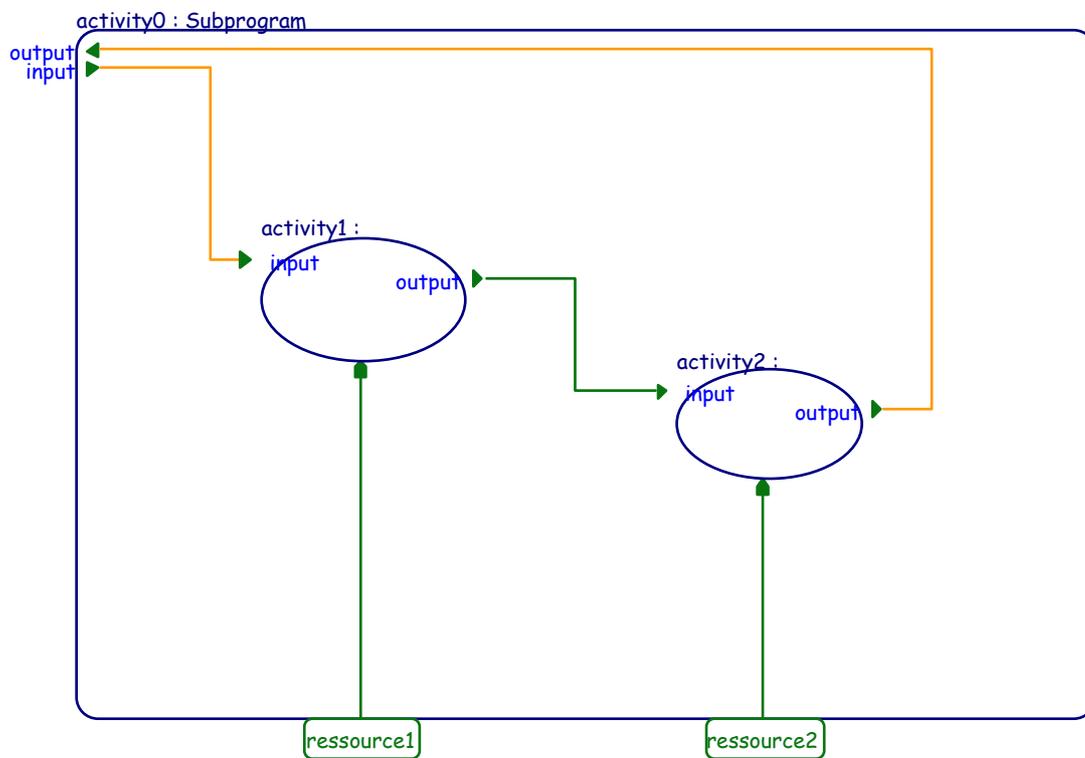
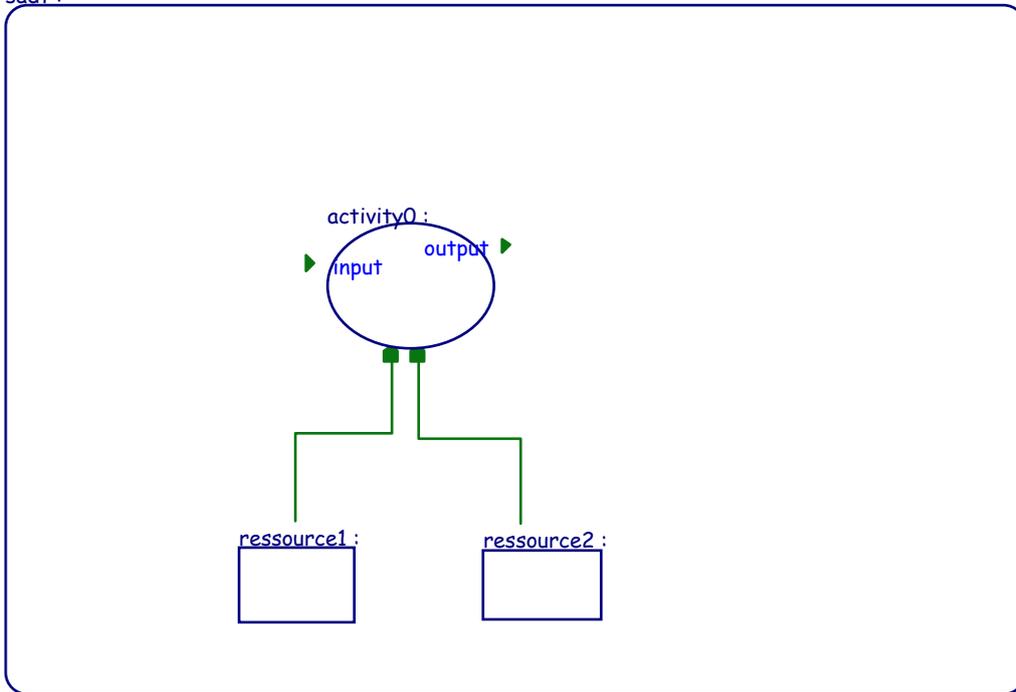


AADL Graphical Notation

sadt :



AADL Textual Notation

```
PACKAGE sadt_Pkg
PUBLIC

SYSTEM sadt
END sadt;

SYSTEM IMPLEMENTATION sadt.others
SUBCOMPONENTS
  activity0 : SUBPROGRAM activity0.others;
  ressource1 : DATA T_Data;
  ressource2 : DATA T_Data;
CONNECTIONS
  cnx_0 : DATA ACCESS ressource1 -> activity0.ressource1;
  cnx_1 : DATA ACCESS ressource2 -> activity0.ressource2;
END sadt.others;

SUBPROGRAM activity0
FEATURES
  input : IN PARAMETER T_Data;
  output : OUT PARAMETER T_Data;
  ressource1 : REQUIRES DATA ACCESS T_Data;
  ressource2 : REQUIRES DATA ACCESS T_Data;
END activity0;

SUBPROGRAM IMPLEMENTATION activity0.others
CALLS
  sequence : {
    control1 : SUBPROGRAM activity1;
    control2 : SUBPROGRAM activity2;
  };
CONNECTIONS
  cnx_0 : PARAMETER input -> control1.input;
  cnx_1 : PARAMETER control1.output -> control2.input;
  cnx_2 : PARAMETER control2.output -> output;
  cnx_3 : DATA ACCESS ressource1 -> control1.ressource1;
  cnx_4 : DATA ACCESS ressource2 -> control2.ressource2;
END activity0.others;

SUBPROGRAM activity1
FEATURES
  input : IN PARAMETER T_Data;
  output : OUT PARAMETER T_Data;
  ressource1 : REQUIRES DATA ACCESS T_Data;
END activity1;

SUBPROGRAM activity2
FEATURES
  input : IN PARAMETER T_Data;
  output : OUT PARAMETER T_Data;
  ressource2 : REQUIRES DATA ACCESS T_Data;
END activity2;

DATA T_Data
END T_Data;

END sadt_Pkg;
```