MBus Code-gen tool Data structure diagram

ArrayList<InterfaceDescription>

* InterfaceDescription 1
* InterfaceDescription 2
* InterfaceDescription 3
* …
* InterfaceDescription N
  + ArrayList<MethodDef>
    - MethodDef 1
    - MethodDef 2
    - …
    - MethodDef N
      * type, name, params, return\_type, param\_names, return\_names [String] //strings in the format used for AddMember()
      * argList [ArrayList<MethodArgDef>]
        + MethodArgDef 1
        + …
        + MethodArgDef N

argName [String]

argType [String]

argDirection [String]

* + ArrayList<SignalDef>
    - SignalDef 1
    - SignalDef 2
    - …
    - SignalDef N
      * type, name, params, return\_type, param\_names[String] //strings in the format used for AddMember()
      * argList [ArrayList<SignalArgDef>]
        + SignalArgDef 1
        + …
        + SignalArgDef N

argName [String]

argType [String]

* + ArrayList<PropertyDef>
    - PropertyDef 1
    - PropertyDef 2
    - …
    - PropertyDef N
      * name [String]
      * signature [String]
      * access [String]