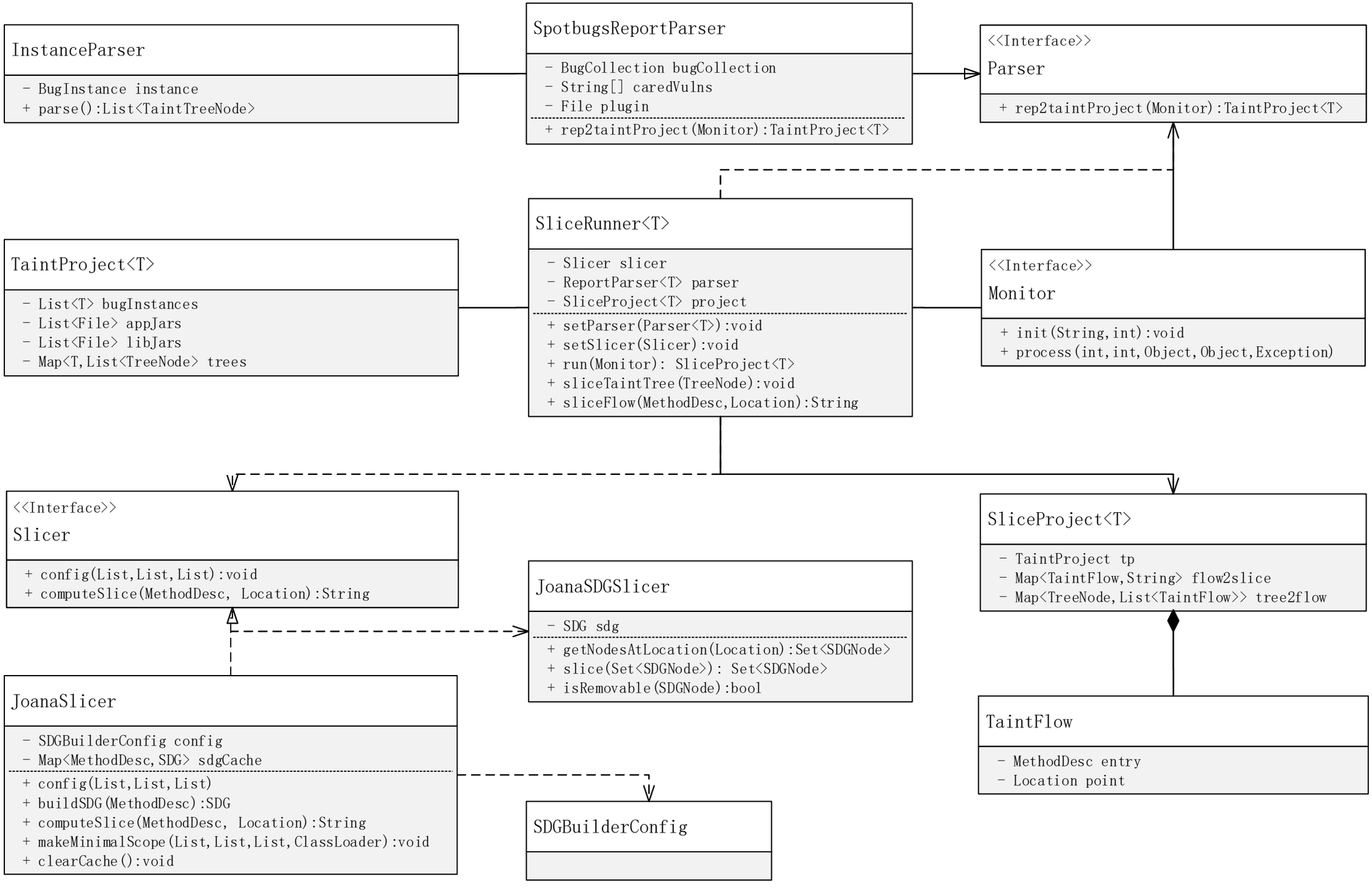
InstanceParser
- BugInstance instance
+ parse():List<TaintTreeNode>
SpotbugsReportParser
- BugCollection bugCollection
- String[] caredVulns
- File plugin
+ rep2taintProject(Monitor):TaintProject<T>
<<Interface>>
Parser
+ rep2taintProject(Monitor):TaintProject<T>
SliceRunner<T>
- Slicer slicer
- ReportParser<T> parser
- SliceProject<T> project
+ setParser(Parser<T>):void
+ setSlicer(Slicer):void
+ run(Monitor): SliceProject<T>
+ sliceTaintTree(TreeNode):void
+ sliceFlow(MethodDesc,Location):String
TaintProject<T>
- List<T> bugInstances
- List<File> appJars
- List<File> libJars
- Map<T,List<TreeNode> trees
<<Interface>>
Monitor
+ init(String,int):void
+ process(int,int,Object,Object,Exception)
<<Interface>>
Slicer
+ config(List,List,List):void
+ computeSlice(MethodDesc, Location):String
JoanaSDGSlicer
- SDG sdg
+ getNodesAtLocation(Location):Set<SDGNode>
+ slice(Set<SDGNode>): Set<SDGNode>
+ isRemovable(SDGNode):bool
SliceProject<T>
- TaintProject tp
- Map<TaintFlow,String> flow2slice
- Map<TreeNode,List<TaintFlow>> tree2flow
JoanaSlicer
- SDGBuilderConfig config
- Map<MethodDesc,SDG> sdgCache
+ config(List,List,List)
+ buildSDG(MethodDesc):SDG
+ computeSlice(MethodDesc, Location):String
+ makeMinimalScope(List,List,List,ClassLoader):void
+ clearCache():void
SDGBuilderConfig
TaintFlow
- MethodDesc entry
- Location point