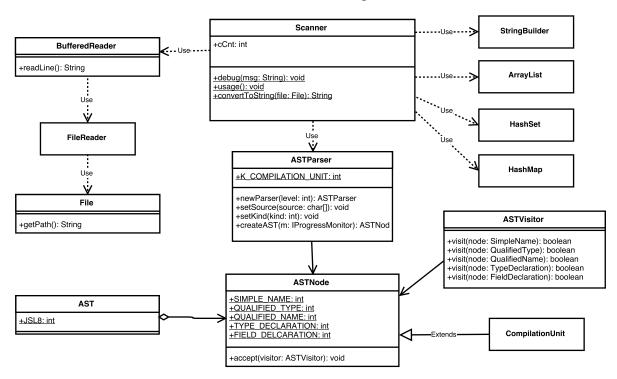
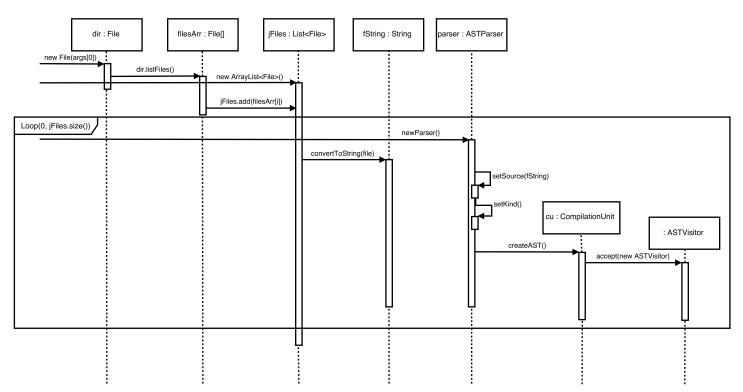
SENG 300: Introduction to Software Engineering Project Iteration 1

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Scanner Class Diagram



Scanner Sequence Diagram



Scanner State Diagram Get arguments [invalid number of arguments I invalid path] / Print error message Directory and type unspecified Program terminated Get list of files in directory (directory is empty) / Print error met Get valid path and type [directory is not empty] Directory and type are specified All java files read Get list of files in directory [at least one file exists] Return count [i >= size of java files list] ist of all files created All references and declarations of type counted in java file #i List of .java files created Get list of .java files in directory [at least one java file exists] / initialize i = 0 Convert java file #i to string [i < size of java files list] Count references and declarations of type Java file converted to Java file parsed into Parse AST