Large information systems are typically implemented using frameworks and libraries. An important property of such systems is data lineage - the flow of data loaded from one system (e.g. database), through the program code, and back to another system. We implemented the Java Resolver tool for data lineage analysis of Java programs based on the Symbolic analysis library for computing data lineage of simple Java applications. The library supports only JDBC and I/O APIs to identify the sources and sinks of data flow. We proposed some architecture changes to the library to make easily extensible by plugins that can add support for new data processing frameworks. We implemented such plugins for few frameworks with different approach for accessing the data, including Spring JDBC, MyBatis and Kafka. Our tests show that this approach works and can be usable in practice.