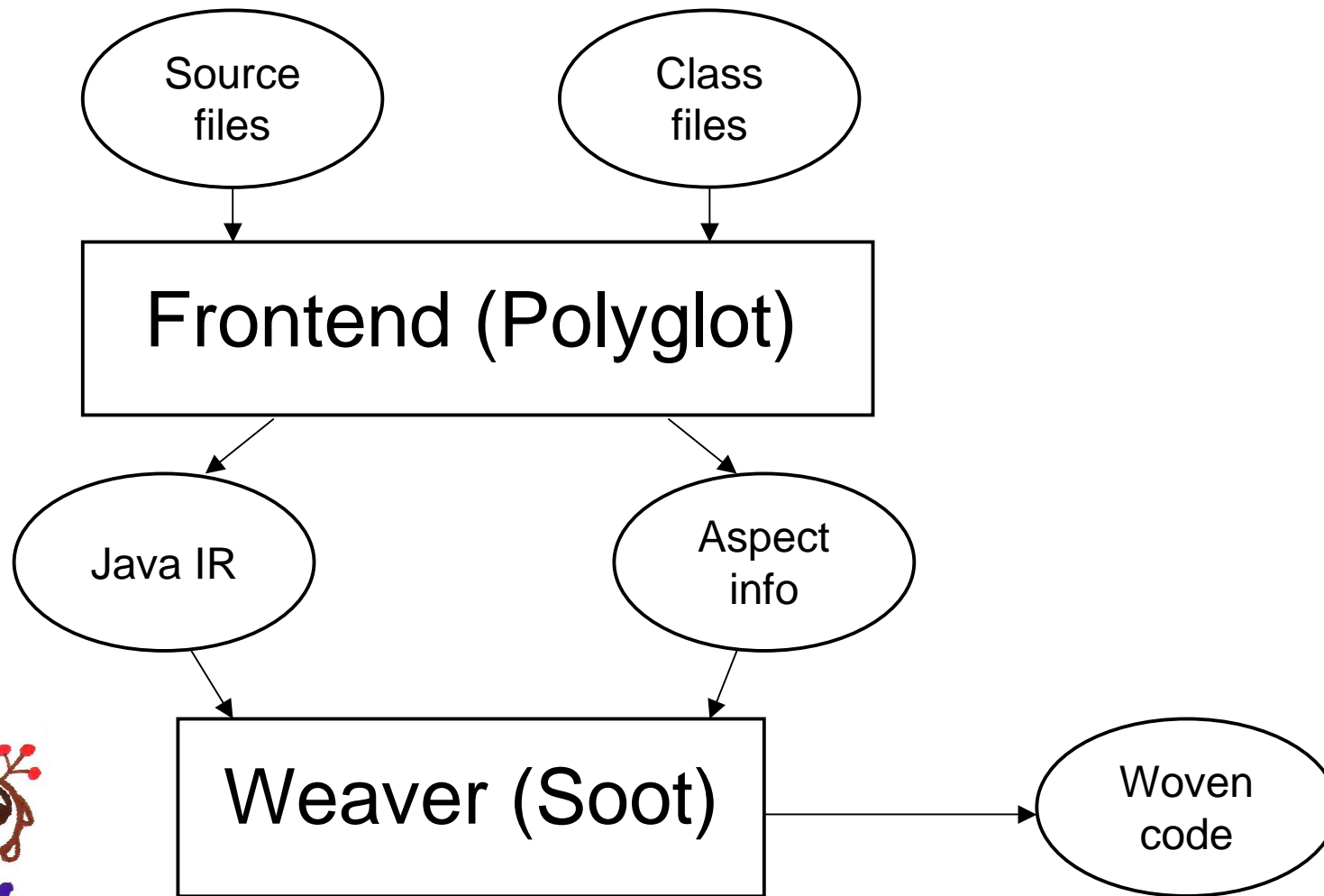# abc architecture

Goals

- Focus on extensibility and runtime performance

- Separation between frontend (Polyglot) and backend (Soot)

- Whole-program compiler

Basic design of the compiler

Aspect Info

- Internal representation of all AspectJ-specific constructs

- All code is put into placeholder methods

- Name mangling for intertype and access

- Categories and real signatures of methods and fields

- Mapping between Polyglot and Soot types

Components of the compiler