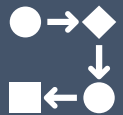


Java SPI & Demo

What is it

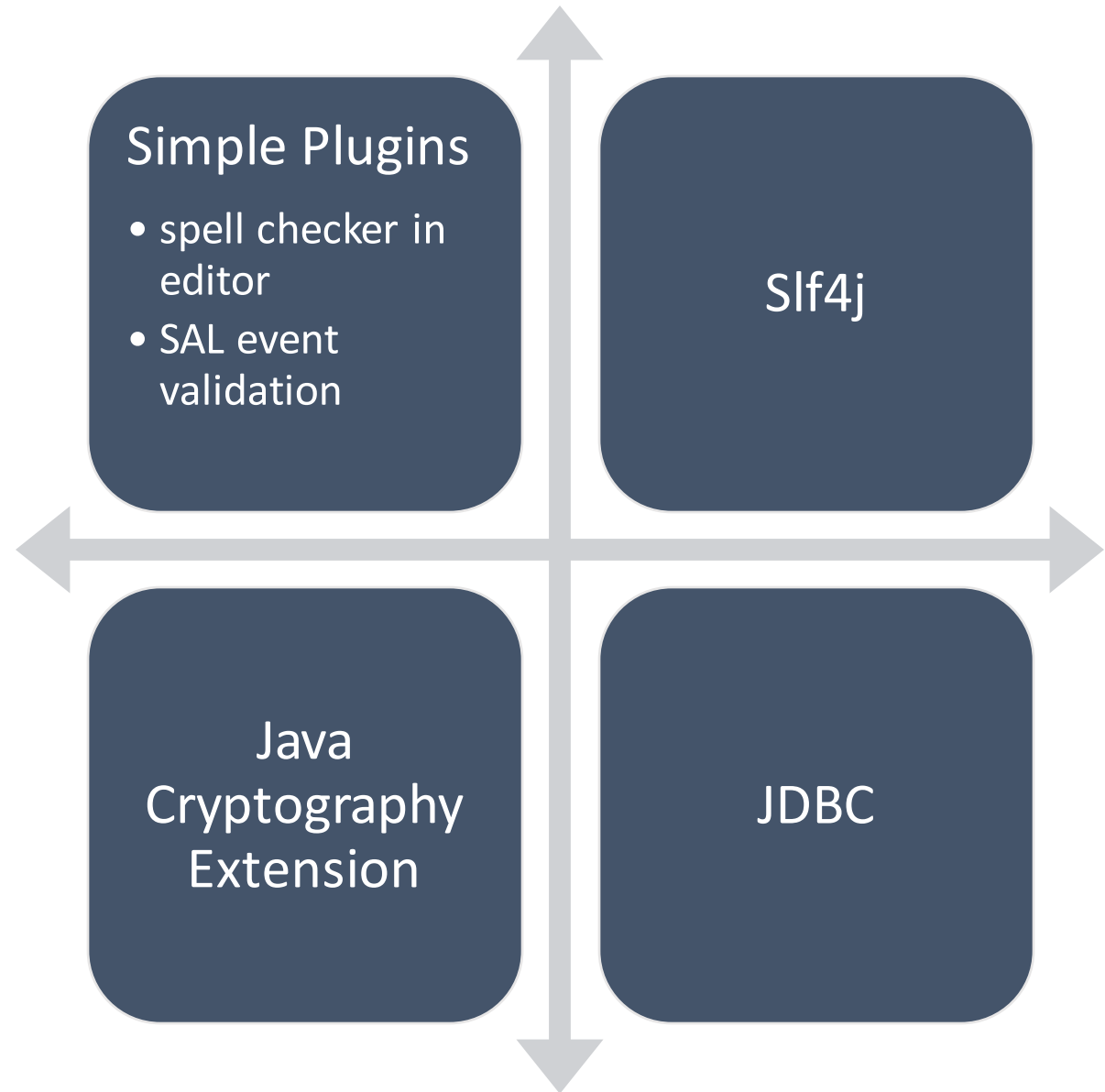


Provide implementation at startup time



Iterate multiple implementations

Use Cases



Alternative

Java reflection

- 😊 Load implementation at run-time
- 😐 Messy syntax for methods discovery
- 💀 class loader problem

OSGI

- 😊 load implementation at runtime
- 😊 colocation of different Java version and library version
- 😐 deep learning curve
- 🦉 slow startup time E.g. Eclipse

Sprint

- 🦉 dislike Sprint

Java SPI

- 😊 Clean syntax
- 😊 Fast loading time
- 😊 IDE support
- 😊 Future proof – Java9 module build on top of it

- 😐 Jar loading at startup time only
- 😐 No way to run in different JVM version
- 😐 Difficult to support multi-version of the same library, Layer

Demo