

Patterns Used

- 1) **Strategy** - lets us dynamically change algorithms this is well suited for the *Parser* sub-component.
- 2) **Observer** - lets us watch for changes without coupling objects. This is used in the *filewatcher* and *Document* interface.
- 3) **Singleton** - there is only one document factory.
- 4) **Abstract Factory** - this is used in the *DocumentFactory* sub-component. It lets us create a bunch of supporting objects.