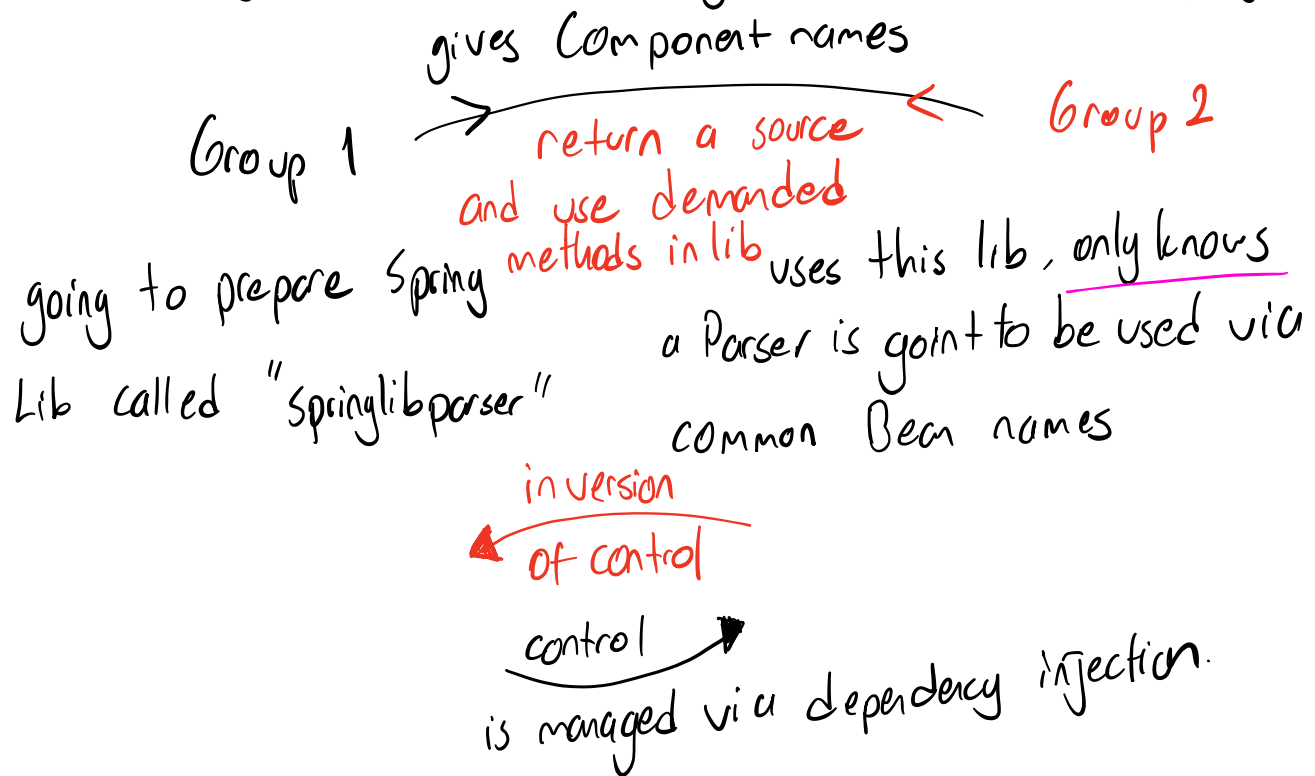
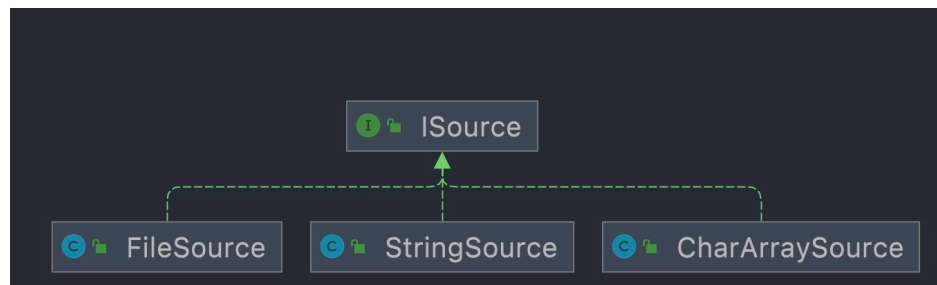


Basic Spring perspective and intergroup communication in a project



→ Group 1
Spring parser



We create source classes, they are going to be used in Parser, all it is going to do return the amount of every digit char

Source

Parser

Kaplan 9876

there
are
4 digits!

```
public int countDigits() throws Exception
{
    m_source.reset();
    int count = 0;
    int c;

    while ((c = m_source.nextChar()) != -1)
        if (Character.isDigit(c))
            ++count;

    return count;
}
```

We use componentname class to acquire a better
communication between library and the class

```
//constant
public static final String PARSER = "com.kaplan.springlibparser.parser";
public static final String CHAR_ARRAY_SOURCE = "com.kaplan.springlibparser.source.char";
public static final String STRING_SOURCE = "com.kaplan.springlibparser.source.string";
public static final String FILE_SOURCE = "com.kaplan.springlibparser.source.file";
public static final String CHAR_ARRAY_SOURCE_INJECT_BEAN_NAME = "com.kaplan.springlibp";
public static final String STRING_SOURCE_INJECT_BEAN_NAME = "com.kaplan.springlibparse";
public static final String FILE_SOURCE_INJECT_BEAN_NAME = "com.kaplan.springlibparser."
```

library

@ Bean
name

Class

@ Bean
name

Kaplan 9876

next page

→ Group 2

spring lib parser in action

Configure sources

- String
- Char Array
- File

collection injection

Parser App

Collection < | Sources

Parser



Group 1

Say library
hey this is my text,
this is my parser
give me
the output ⇐

- ① • send kaplan 9876
- use setter inj for my parser
- call Parser.countDigits

⇓
Ok I'll do it
for you ②
this is ioc

⇒ there are 4 digits ③ ⇒ thanks!

```
kaplan9876 ①  
StringSource: kaplan9876 ②  
2021-11-21 02:02:26.489  
Number of Digits:4 ③
```

This is what most of the frameworks do for you!