

2024년 상반기 K-디지털 트레이닝

Context

[KB] IT's Your Life

☑ 문제점

- 의존 객체를 직접 생성해서 배정하고 있음
 - composition(강결합)
 - 구현체 변경 시 수정 사항 발생

```
public class AccountService {  
    UserDao dao = new UserDaoImpl();  
    ...  
}
```

Context.java

```
package org.scoula.todo.context;

...
import java.util.HashMap;
import java.util.Map;
...

public class Context {
    private UserVO user;
    private Map<Class, Object> map;

    private Context() {
        map = new HashMap<>();
        map.put(UserDao.class, new UserDaoImpl());
        map.put(TodoDao.class, new UserDaoImpl());
        map.put(AccountService.class, new AccountService());
        map.put(LoginService.class, new LoginService());
        map.put(TodoService.class, new TodoService());
    }
}
```

Context.java

```
private static Context context = new Context();

public static Context getContext() {
    return context;
}

public static <T> T getBean(Class<T> clazz) {
    return (T) context.map.get(clazz);
}

}
```

AccountService.java

```
public class AccountService {  
    // UserDao dao = new UserDaoImpl();  
  
    UserDao dao = Context.getBean(UserDao.class);  
  
    ...  
}
```

TodoApp.java

```
public class TodoApp extends App {  
    ...  
    LoginService loginService = Context.getBean(LoginService.class);  
    AccountService accountService = Context.getBean(AccountService.class);  
    TodoService todoService = Context.getBean(TodoService.class);  
  
    ...  
}
```