

```
package ioc;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.boot.CommandLineRunner;
import org.springframework.stereotype.Component;

@Component
public class ShowCatalog implements CommandLineRunner {
    @Autowired(required = false)
    Catalog cat;

    public ShowCatalog() {
        System.out.println("ShowCatalog()");
    }

    @Override
    public void run(String... args) throws Exception {
        System.out.println("Catalog : " + cat);
    }
}
```