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Name: **Introduction to Spring Framework in 10 Steps** Date: **11-06-2018**

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| **KEYWORD** | | **DETAIL** |
| **Create project with start.spring.io** | | * Create maven project with java, spring boot version >=2.0 * Group: default package, artifact: project name * Dependencies: add library * @SpringBootApplication : scan package and subpackage it in |
| **@Component và**  **@Autowire** | | * @Component: khai báo một thành phần để Spring container quản lý * @Autowire: Nối các dependency giữa các bean |
| **Dynamic Autowire** | | * Spring tự động scan và quản lý các bean. Sau đó nối chúng với nhau. * @primary dùng để khai báo dependency chính. |
| **Constructor**  **Setter injection** | | * Two way to inject dependency into another component * No setter or constructor will be use setter in the background |
| **Popularity of spring framework** | | * Enable Testable code: Because use DI so easy to write unit test * No plumbing code: không cần viết những code phải viết khi thực thi code chính * Flexible Architecture: * Stay current: create many project to support modern trend |
| **SUMMARY** | Tạo project với start.spring.io  Autowiring và dynamic autowire  Constructor and Setter injection- the best way is don’t use that two  Popularity of spring framework | |

Name: **IDE and Maven Project** Date: **11-06-2018**

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| **- Intellij**  **Key Shortcut** | | * Hint: Ctrl+ Space , Alt + enter; * Search: double+shift , * Goto declaration: ctrl + click * Type hierarchy: ctrl + H |
| **Maven là gì ?** | | * maven là một chương trình quản lý dự án cho phép các developers có thể quản lý về version, các dependencies ( các thư viện sử dụng trong dự án ) , quản lý build, tự động download javadoc & source, .... |
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