**[git]**

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**[JPA/Hibernate]**

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[117] [Redux - principles](https://redux.js.org/introduction/three-principles)

[120] [reactivex.io](http://reactivex.io/intro.html)

[121] [learnrxjs.io](https://www.learnrxjs.io/)

**How to run the projects with angular from the group** (the angular part)**:**

* In the **webapp** folder, execute the following commands:

1. *npm install* *---* do this only once (for each project from the group)
2. *npm start* --- starts the server

**Update npm and node to the latest stable version** (do this only if you already have older versions installed)

Update npm:

*npm install npm@latest -g*

Update node:

*sudo npm cache clean -f*

*sudo npm install -g n*

*sudo n stable*

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Not covered topics:

**[Validation]**

[90] [Java Bean Validation](http://www.baeldung.com/javax-validation)

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