1. Install Eclipse (new Version with Maven integrated)
This version: Oxygen.1a Release (4.7.1a)

2. Open Eclipse
        a) decide where the workspace should be saved
        b) launch
        c) close the welcome tab

3. Install UIMA Plugin
        a) click   **Help >> Install new Software**
        c) put in the „Work with:" field the following link (http does not work?)
                        https://www.apache.org/dist/uima/eclipse-update-site/
        d) select all (3)
        e) click   Finish

NOTE: Use the standard Theme for eclipse! (Seems like some stuff will not be displayed otherwise)

4. Create a new Maven Project
        a) click   **File >> New >> Project…**
                        File >> New >> Other… (alternative)
        b) choose   **Maven >> Maven Project >> Next**
        c) location can be the default workspace path
        d) click   **Next >> Next (no changes)**
        e) enter a group ID and Artificial ID (usually String)
        f) click   **Finish**

        g) if you get a warning about your JRE library, right click on JRE System Library (on the left under src/test/java) >> Properties >> Choose your current Java
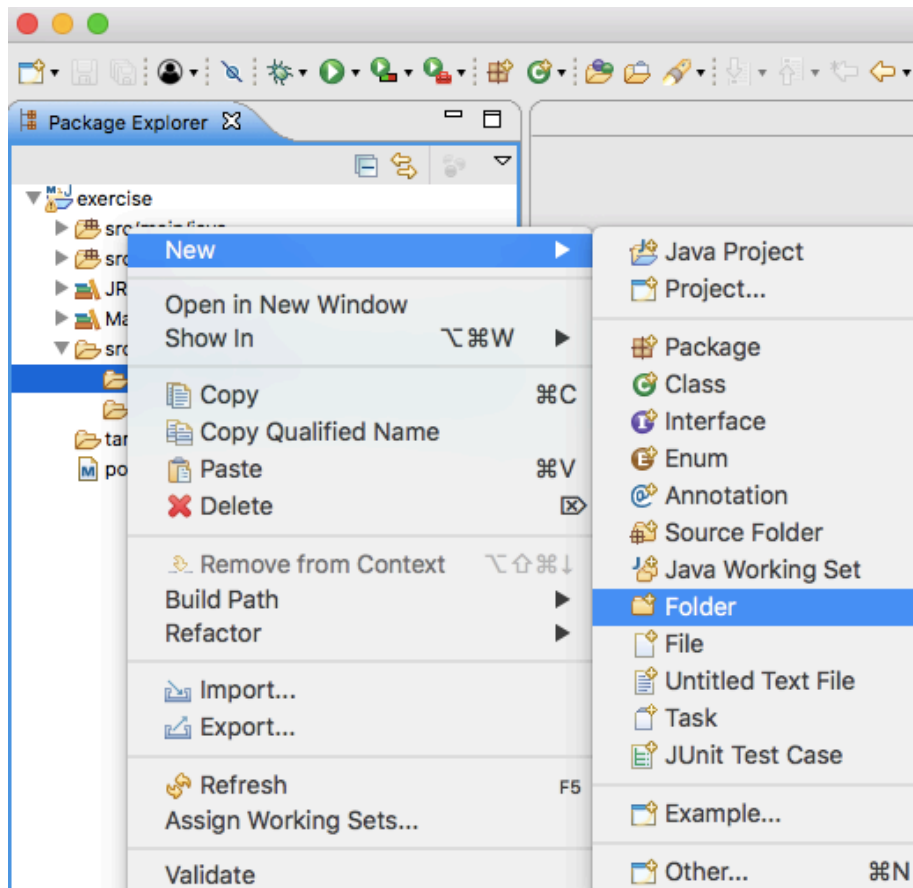
5. Add a resources folder / create Path „src/main/resources"

    a) click   **src >> main**
    b) right click
    c) click   **New >> Folder**
    d) enter filename „resources"
    e) click   **Finish**

    f) right click   **„resources" folder**
    g) click   **Build Path >> Use as Source Folder**

6. Add Dependencies to pom.xml

    a) double click   **pom.xml**
    b) select the tab „**Dependencies**" (at the bottom of the middle window)
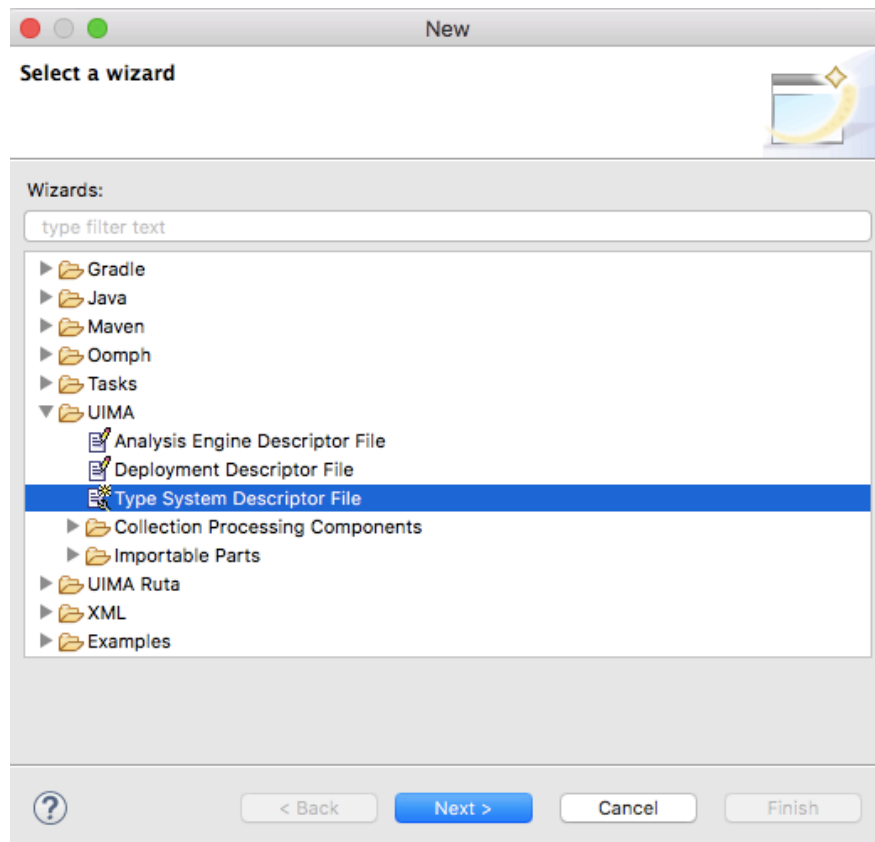   c) add all 4 dependencies

group id	artifact id	version
org.apache.uima	uimaj-core	2.10.1
org.apache.uima	uimaj-tools	2.10.1
org.apache.uima	uimaj-document-annotation	2.10.1
org.apache.opennlp	opennlp-tools	1.8.2

7. Add type system descriptor in src/main/resources

    a) right click   src/main/resources

b) click	**New >> Other..**
c) choose	**UIMA >> Type System Descriptor File**
d) click	**Next >> Finish**

8. Add Type Token (+lemma, +pos) and Sentence

    a) select the tab „**Type System**" (at the bottom of the middle window)

b) add	Sentence	String
	Token	String

d) click	**Token**	
e) add	lemma	String
	pos	Annotation

other types and Ranges could be chosen for the exercise

DON'T CLOSE THE FILE!

9. Generate Java Code from XML

    a) click   **JCasGen**

New files are in „**src/main/java**" and „**src/test/java**"