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EPAM Systems, RD Dep., RD Dep. MTN.*NIX.09 Continuous Delivery with Jenkins

MTN.*NIX.09 Continious Delivery with Jenkins

Software build principles

REVISION HISTORY					
Ver.	Description of Change	Author	Date	Approved	
				Name	Effective Date
<1.0>	Initial revision	Aleksandr Mazurenko	<25-Jun-2017>		

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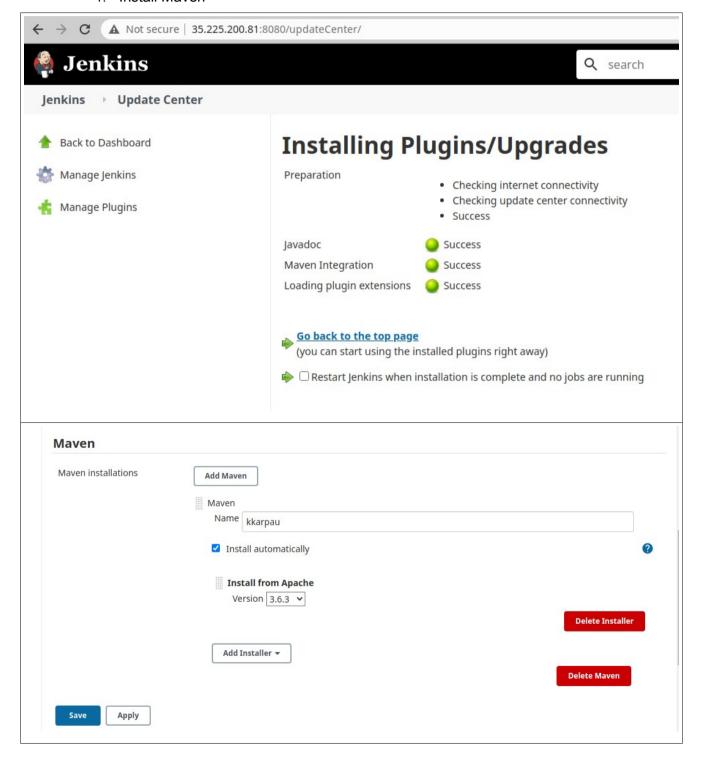
Task 1. Maven build

Review

Implement Maven build script for sample project.

Task

1. Install Maven

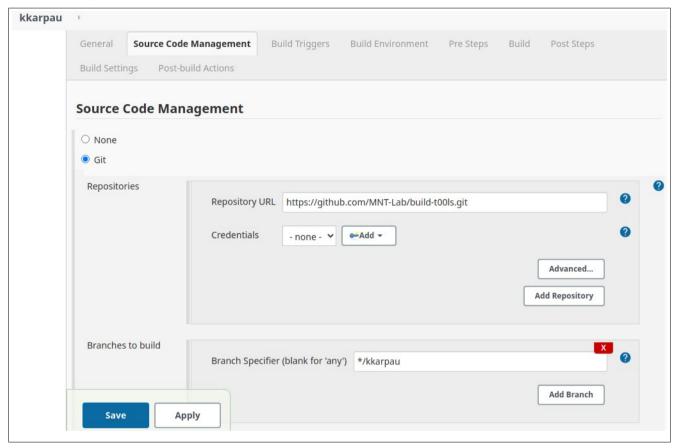


2. Clone GitHub project git@github.com:MNT-Lab/build-t00ls.git

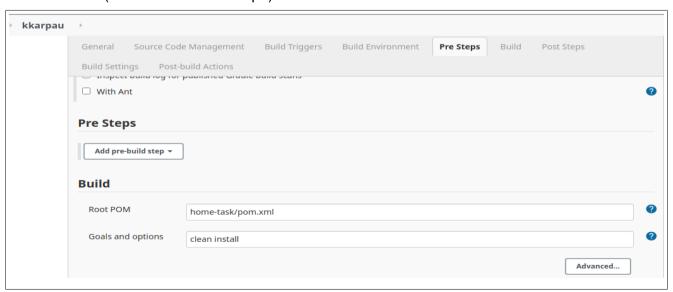
3. Create your own branch based on master by pattern:

First char of name + surname

Example: The name of student - Serhei Ivanou. The branch will be **sivanou**.



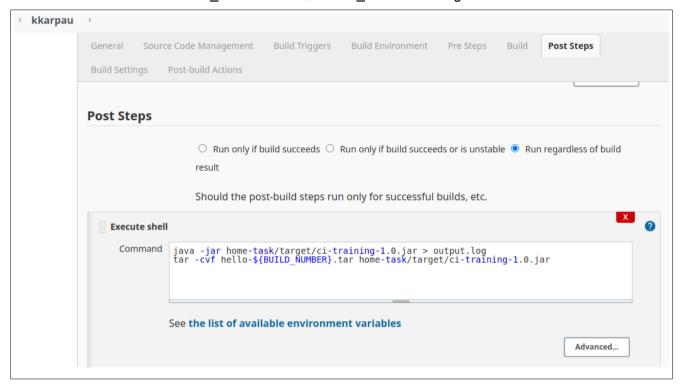
4. Implement pom.xml script to clean, compile, test, create jar file and distribution artifact. (source code in 'src' repo).



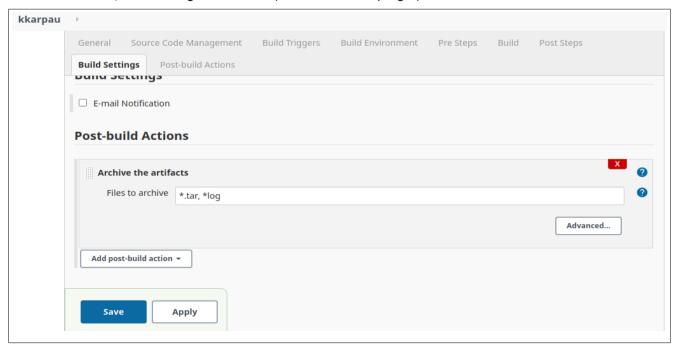
5. All changes should be tracked by commits to own branch

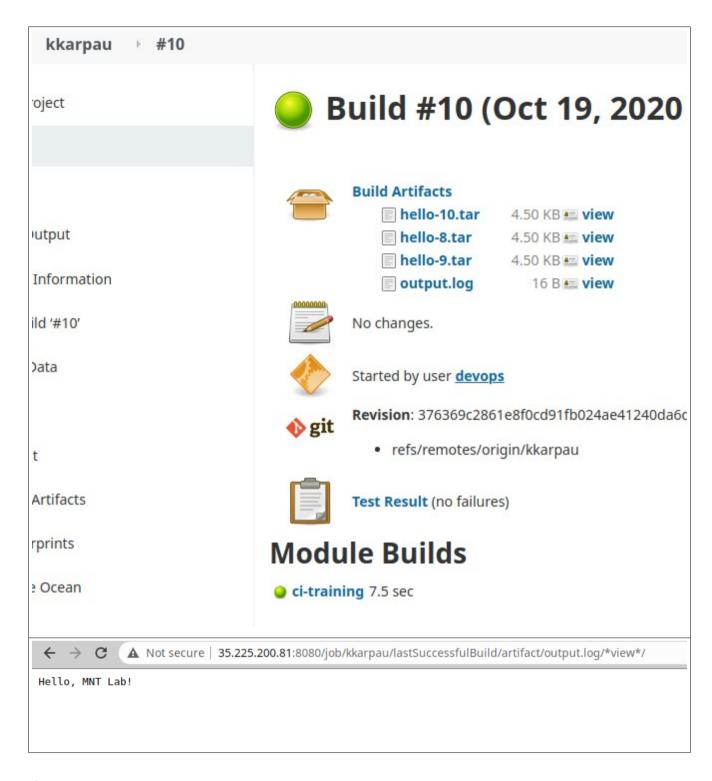
- 6. Push to GitHub
- 7. Setup Jenkins job ("helloworld-sivanou-maven-build"):
 - a) build from repository (poll SCM)
 - b) use maven plugin
 - c) run jar and output save to file 'output.log'
 - d) archive and attach jar file

ARTEFACT_NAME=hello-\$BUILD_NUMBER.tar.gz



e) attach log file to build (archive artifact plugin)





GitHub Repository:

https://github.com/MNT-Lab/build-t00ls/tree/kkarpau

Report:

Email pattern: [MNT-CD-3]-FirstName-LastName

Contains: GitHub link, Plugin config(screenshot), Job config(screenshot), output (screenshot)