**Deploying JavaSolver to Maven Repository**

First, we need to deploy org.jcp.jsr331.parent as its pom.xml contains all access attributes for Sonatype and Maven’s GPG.

It requires to have the correct (no expired) GPG key to authenticate with Nexus without the use of passwords. See [intro](https://keys.openpgp.org/about) and [usage guide](https://keys.openpgp.org/about/usage). This command lists existing keys:

>gpg --list-secret-keys

The latest key is currently at C:\Users\JacobFeldman\\_keys\gpg.public.key. It will expire in December-2024 and we will need to create a new one by using

>gpg … (Igor will provide the proper command)

1. The new key should be uploaded from <https://keys.openpgp.org/upload>

A screenshot of a computer

Description automatically generated

1. I will receive an email like this one with a new OpenPGP key that should be verified by the click on the provided link:

A screenshot of a computer

Description automatically generated

1. After that I may start deploying:

C:\\_GitHub\jsr331\org.jcp.jsr331.parent>mvn clean deploy

I should received an email from Sonatype:

A close-up of a message

Description automatically generated

Similarly, I should deploy:

org.jcp.jsr331

org.jcp.jsr331.constrainer

org.jcp.jsr331.scheduler

javasolver-all

com.javasolver

org.jcp.jsr331.linear

org.jcp.jsr331.linear.clp

org.jcp.jsr331.linear.scip

org.jcp.jsr331.linear.glpk

org.jcp.jsr331.linear.coin

org.jcp.jsr331.linear.lpsolve

org.jcp.jsr331.linear.cplex

org.jcp.jsr331.linear.gurobi

org.jcp.jsr331.jsetl

org.jcp.jsr331.sugar

org.jcp.jsr331.choco

P.S. Our account on Sonatype https://oss.sonatype.org/

ID: [jacobfeldman@openrules.com](mailto:jacobfeldman@openrules.com)

Password: OpenRules.007