

How to work with PL/SQL and the Oracle DBMS

We recommend using our [PL/SQLJob](#) job for working with [SQL](#) and Oracle™ RDBMS. This is one of our [JITL Jobs by Topic: Database](#) jobs that are delivered with JobScheduler.

Use JOE to create a PL/SQL job:

- Open JOE's Job Wizard
- Select *JobSchedulerPLSQLJob* in the list of available jobs and enter a job name
- Goto "next" to set some parameters for the database connection etc.
- See the reference documentation for the [PL/SQLJob](#) job to get more information about the job parameters
- After you have finished the wizard then you can insert the PL/SQL script in the script tab of the job.
- Alternatively you can put the PL/SQL script in an external file and enter this filename in the parameter "command".

You get a job like the following:

```
<?xml version="1.0" encoding="ISO-8859-1"?>

<job title="Execute PL/SQL procedure" order="no">
  <description >
    <include file="jobs/JobSchedulerPLSQLJob.xml" />
  </description>

  <params >
    <param name="db_url" value="jdbc:oracle:thin:@localhost:1521:test"/>

    <param name="db_user" value="test"/>

    <param name="db_password" value="test"/>
  </params>

  <script language="java" java_class_path="" java_class="sos.scheduler.db.JobSchedulerPLSQLJobJSAdapterClass"
  >
    <![CDATA[
begin
  dbms_output.put_line('hello world');
end;
  ]]>
  </script>

  <run_time />
</job>
```