**Tomcat setup**

**Watershare tools**



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Versie: 0.2  
Documentdatum: 20 October 2013

A ten-s  
water



optimizing colour  
and natural organic  
material removal



Valorising water  
treatment residuals



Enhanced network  
performance and reduced  
maintenance cost

from groundwater  
monitoring network  
to final results

Inhoud

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e for residual signing for cleaner water

# Introduction

This document contains an brief explanation of the settings used to setup the Tomcat Server.

# Install Tomcat Server

Settings after the standard installation. The standard installation of Tomcat 7.0.32 can be found at KWRTools -> Downloads. Extract the zip-file to a folder.

Increase the perGen settings for the Catalina process by modifying the catalina.bat/catalina.sh in the bin folder and add the next line as first line in the batch:

Windows:

set CATALINA\_OPTS=-Djava.awt.headless=true -Dfile.encoding=UTF-8 -server -Xms64m -Xmx512m -XX:PermSize=128m -XX:MaxPermSize=512m -XX:+CMSClassUnloadingEnabled -XX:+CMSPermGenSweepingEnabled

Linux:

export CATALINA\_OPTS="-Djava.awt.headless=true -Dfile.encoding=UTF-8 -server -Xms64m -Xmx512m -XX:PermSize=128m -XX:MaxPermSize=512m -XX:+CMSClassUnloadingEnabled -XX:+CMSPermGenSweepingEnabled"

# Set up environment

Access to Tomcat application admin:

Test hostname: snwgats1.nwg.local

Production hostname: tools.watershare.nl

Acceptance hostname: acceptance.tools.watershare.n

Copy the favicon.ico file to the Root-application (Webapps -> ROOT). The favicon.ico can be found in the KWRTools -> server -> Tomcat settings.

Copy the next files to the lib folder. The files can be found in KWRTools -> server ->Tomcat settings->Lib

jdbc.properties

log4j.properties

watershare.properties

mysql-connector-java-5.1.22-bin.jar

Check if the database connection information is set up correctly in the jdbc.properties file.

Upload required web applications using the Tomcat admin facilities. You can find the latest versions of the applications in KWRTools -> server -> Tomcat Settings -> Production wars