# LinguaLearna build & deployment instructions

## Assumptions

* You have rhc setup to work with the OpenShift gear
* You have Grunt CLI installed on the build machine
* You have Apache Maven 2 installed on the build machine
* You have Apache Ant installed on the build machine

## Environment setup

* rhc app create linguaweb tomcat7 postgresql-9.2
* git clone ssh://[app\_uuid]@linguaweb-lingualearna.rhcloud.com/~/git/linguaweb.git/ openshift
* Add/modify deployment repository from existing configuration
* Modify haproxy/conf/haproxy.cfg to ping /app/login rather than /

## Build

**Starting pwd is LinguaLearna project directory**

### Database

* cd src/main/sql/create
* Update .pgsql files with correct database name, username, password, schema name, etc.
* cat 1\_create\_roles.pgsql 3\_create\_objects\_and\_inserts.pgsql 4\_grant\_permissions.pgsql > ../install.pgsql
* cd src/main/sql/change
* Depending on the current state of the database upgrade scripts from ../upgrade will need to be applied

## Deploy

### Database

* rhc scp linguaweb upload install.pgsql app-root/data/sql
* rhc ssh linguaweb
* psql –f app-root/data/sql/install.pgsql
* Depending on the current state of the database upgrade scripts from ../upgrade will need to be applied
* exit
* cd ../../../ (build/lingua-web)

### Java

* rhc scp linguaweb upload target/LinguaWeb.war app-root/dependencies/jbossews/webapps/ROOT.war