



Web Deployment

Web Engineering
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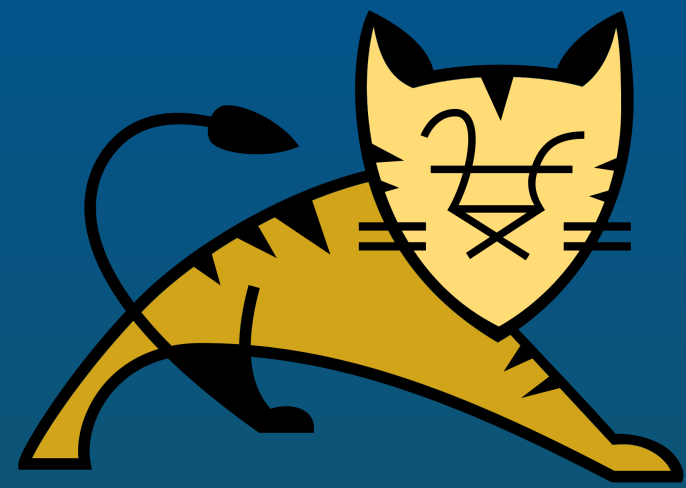
3 Deployment Options



upload war file to Java web server,
e.g. Tomcat via manager-gui

upload FAT jar file to a PaaS provider

upload executable to an IaaS provider
(upload to a provided/available VM)



Preparation 1



adapt grails-app/conf/application.yml

production:

dataSource:

dbCreate: ~~none~~ create

only on first deployment!



Deployment Option 1

grails war



-> build/libs/appname-version.war

upload war file to Java web server,
e.g. Tomcat



localhost:8080/manager/html

DuckDuckGoYahoo!Google MapsYouTubeWikipediaNews ▾Beliebt ▾ChatterHoogleCategory: Th...amming CafeHulbeeFroogleHome | grails...munity Slack >> +



Tomcat Web Application Manager

Message:OK

Manager

List Applications

HTML Manager Help

Manager Help

Server Status

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessionswith idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessionswith idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessionswith idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessionswith idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>StartStopReloadUndeploy</div> <div>Expire sessionswith idle ≥ 30 minutes</div>

Deploy

Deploy directory or WAR file located on server

Context Path (required):

XML Configuration file URL:

WAR or Directory URL:

Deploy

WAR file to deploy

Select WAR file to upload

Datei auswählen

Keine Datei ausgewählt

Deploy

Deployment Option 2

`./gradlew assemble`

upload FAT jar file to a Platform-as-a-Service (PaaS) provider, e.g. AWS

<http://guides.grails.org/grails-elasticbeanstalk/guide/index.html>

AWS



Sign up for free under <https://aws.amazon.com/free/>

Create a new app using AWS Elastic Beanstalk through the web interface

Web Atrocities

- Care for your data (download, backup)
- Data harvesting
- Data protection
- Forgetful data

Web Atrocities

- Denial of Service attacks, Spamming
- Proper Password handling, encryption
- Logging, Monitoring
- Localization
formats, timezones, character encoding