RTDC

Server Installation Guide

Version 1.0

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Preface

This guide will help you create war file and install it to a Tomcat server.

Requirements

This guide will assume that Tomcat is already installed on your machine. If not, you can download it using the link below.

- Apache Tomcat 8.0.30 (http://tomcat.apache.org/download-80.cgi)

For installation instructions, please refer to http://tomcat.apache.org/tomcat-8.0-doc/setup.html

Create a War File

Creating the war file is as easy as running a Gradle command.

1. Before creating your war file, review the settings found in *prod.Config.properties.* You will need to update the **apiHost** and **apiPort** to match your Tomcat configurations. You will also need to update the IP address of your Asterisk server (**asteriskHost**) For example:
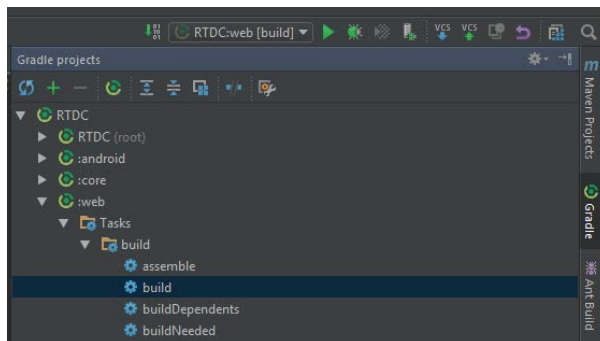
```
isDebug = false

#The API key of the RTDC Tool project in the Developer Console
gcmServerProjectId = 261943195908
gcmServerApiKey = AIzaSyAwZJhcvot0V6eOCrXD7htyLS9hP4WFxEg

commandExecKey = 6BiyBrgsduIOSktWGSvyENcw9C8cIOoJc2zhGM0Ez
asteriskHost = 192.168.0.19

#24 * 60 * 60 * 1000
sessionLifetime = 8640000

#Development
apiProtocol = http
apiHost = localhost
apiPort = 8080
apiPath = /rtdc/api/
```

2. Open the Gradle panel by going to *View > Tool Windows > Gradle.*
3. Expand *:web > Tasks > build*
4. Double-click on build.

5. The project will build and generate a war file.
6. In your Windows Explorer (or Finder), go to your project directory. The war file will be located under: `RTDC\web\build\libs`

Deploying the War File

Deploying the war file is as simple as copy-paste. Simply make sure that your Tomcat server is running.

1. Navigate to your Tomcat installation.
2. Copy the war file in the ***webapps*** folder.
3. If your Tomcat server is running, the war file will automatically be extracted and deployed. Otherwise, simply start Tomcat and it will take care of the rest.
4. To test your installation, open a web browser, and visit your tomcat server using you url, port, and the following path: `/rtdc/web.html`

   For example, our full link would be: `http://localhost:8080/rtdc/web.html`

Note: When visiting this page, a couple of alerts with "*Error: Error code 0*" might be thrown. This is behaviour is normal and expected at the time of writing. The server still works.