<h2>Quick notes to install Sql Thunder. First download the api and web application from the above </h2>

<div class="div-top div-bottom div-left div-right">

    <b><u>How to install and run the java API. It requires Java 11+</u></b>

    <ul>

        <li>As the war file contains an Apache Tomcat/9.0.64 server, it can run from command line with java -jar build\libs\sqlThunder.war</li>

        <li>Deploy it to Tomcat, for that, pls follow https://tomcat.apache.org/tomcat-9.0-doc/deployer-howto.html#Deploying\_on\_a\_running\_Tomcat\_server</li>

        <li>You can also easily use XAMPP for this purpose.</li>

    </ul>

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    <b><u>How to use the API (change accordingly hostMachine with either machine name or ip address of the host to reflect your environment )</u></b>

    <ul>

        <li>using swagger: http(s)://hostMachine:9094/sqlThunder/swagger-ui.html</li>

        <li>using api doc: http(s)://hostMachine:9094/v2/api-docs</li>

        <li>Please also be aware that the API pushes notifications via websocks on http(s)://hostMachine:9094:7071/</li>

    </ul>

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    <b><u>How to install the front end application</u></b>

    <ul>

        <li>unzip the file</li>

        <li>download and install Http Apache server via your prefered distribution. You can easily use XAMPP for this purpose. You can also use any other HTTP server available</li>

        <li>copy the content found in the sql-thunder folder into htdocs folder of the XAMPP install folder </li>

        <li>Go into folder assets and open app-config.json where you have to update  baseUrl and webSocketsUrl with your machine name </li>

        <li>Now you are ready to go.  Go to your browser and type the url of your installation. If it is just on your local network http(s)://hostMachine:80 will do it</li>

        <li>the build in initial user is super@domain.com and the password is changeme. Pls create your own account and delete this one</li>

        <li>User passwords are stored as hash strings for minimal security purposes</li>

        <li>Passwords are also encrypted when sent from the front end to the back end just in case your site is not secured by a certificate</li>

        <li>DB passwords and other connecting server passwords are also encrypted in the database for your protection</li>

        <li>Anything else, such as payloads and headers are not encrypted, so you better use a certicate if you are concerned with the security of your data</li>

    </ul>

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