ptrac Project Time Tracking Software

Download the software from: https://relapps.net

Software requirements for installing ptrac:
- Java 11 or later
- Servlet container supporting Servlet 3 (tested with Tomcat 9)
- Relational database; MariaDB, PostgreSQL or MySQL database

The *ptrac.war* file may be installed in a Java Servlet container (such as Tomcat), or it can also execute using a web server embedded in the *ptrac.war* file:

```
#!/bin/bash
# Assign PTRAC_HOME where data files shal be stored.
export PTRAC_HOME=/data
java -jar ptrac.war --server.port=8080
```

Example Java and Python client applications for implementation of custom functions using the web services API are available at:
https://github.com/rmtron/ptracclient

Please register bugs and change-requests at:
https://relapps.net/mbt/

Some of the features
- Information stored in a relational database (MariaDB, MySQL or PostgreSQL)
- Definition of users and groups
- Roles and groups to control the permissions
- Hierarchical definition of projects
- Work-calendar definition with holidays and work hours
- Private individual rich-text (markup) diary
- Printing of time-sheets with annotations
- Reports (Excel and Open Document Format ODF)
- Export and import between databases using JSON format

Preliminary roadmap
- Use e-mail for notifications
- Use of LDAP for user authentication
- Translation to other languages

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