

Pirlo Incident

Accident Applications (IAR)

Deployment Manual

Global Wildfly Settings

1- Global Variables in Wildfly

```
<property name="SESSION_KEY" value="s.e.s.s.i.o.n-k.e.y"/>
<property name="PIRLO_URL" value="https://www.thepirlo.com"/>
<property name="SERVER_PATH" value="${jboss.home.dir}"/>
```

2- Single Sign On Settings in Wildfly

```
<server name="default-server">
  <http-listener name="default" socket-binding="http"/>
  <host name="default-host" alias="localhost">
    <location name="/" handler="welcome-content"/>
    <filter-ref name="server-header"/>
    <filter-ref name="x-powered-by-header"/>
    <single-sign-on path="/" />
  </host>
</server>
```

Wildfly Datasource

```
<datasource jta="true" jndi-name="java:/jboss/pircs_ds" pool-name="pircs_ds" enabled="true" use-ccm="true">
  <connection-url>
    jdbc:mysql://localhost:3306/pircs?useUnicode=true&characterEncoding=utf-8
  </connection-url>
  <driver>mysql</driver>
  <security>
    <user-name>root</user-name>
  </security>
  <validation>
    <validate-on-match>false</validate-on-match>
    <background-validation>false</background-validation>
  </validation>
  <timeout>
    <set-tx-query-timeout>false</set-tx-query-timeout>
    <blocking-timeout-millis>0</blocking-timeout-millis>
    <idle-timeout-minutes>5</idle-timeout-minutes>
    <query-timeout>0</query-timeout>
    <use-try-lock>0</use-try-lock>
    <allocation-retry>0</allocation-retry>
    <allocation-retry-wait-millis>0</allocation-retry-wait-millis>
  </timeout>
  <statement>
    <share-prepared-statements>false</share-prepared-statements>
  </statement>
</datasource>
```

Wildfly Security Domain

```
<security-domain name="pircs-realm" cache-type="default">
  <authentication>
    <login-module code="Database" flag="required">
      <module-option name="dsJndiName" value="java:jboss/pircs_ds"/>
      <module-option name="unauthenticatedIdentity" value="anonymous"/>
      <module-option name="hashAlgorithm" value="SHA-256"/>
      <module-option name="hashEncoding" value="hex"/>
      <module-option name="rolesQuery" value="SELECT col_role,'Roles' FROM
tbl_operator WHERE col_username=?"/>
      <module-option name="principalsQuery" value="SELECT col_password
FROM tbl_operator WHERE col_username=?"/>
    </login-module>
  </authentication>
  <authorization>
    <policy-module code="Database" flag="required">
      <module-option name="dsJndiName" value="java:jboss/pircs_ds"/>
      <module-option name="rolesQuery" value="SELECT col_role,'Roles' FROM
tbl_operator WHERE col_username=?"/>
      <module-option name="hashAlgorithm" value="SHA-256"/>
      <module-option name="hashEncoding" value="hex"/>
      <module-option name="principalsQuery" value="SELECT col_password
FROM tbl_operator WHERE col_username=?"/>
    </policy-module>
  </authorization>
</security-domain>
```

After Deployment and Database Creation

```
/* Pirlo User with password: 123456 */
INSERT INTO `pircs`.`tbl_operator` (`col_id`,`col_insertion_date`,`col_password`,
`col_receiving_emergency_emails`,`col_role`,`col_title`,`col_operator_type`,`col_username`,
`HOSPITAL_col_id`)
VALUES (1,'2017-11-01','8d969eef6ecad3c29a3a629280e686cf0c3f5d5a86aff3ca12020c923adc6c92', false,
'ROOT', 'Pirlo', null, 'pirlo', null);

/* QA User with password: 123456 */
INSERT INTO `pircs`.`tbl_operator` (`col_id`,`col_insertion_date`,`col_password`,
`col_receiving_emergency_emails`,`col_role`,
`col_title`,`col_operator_type`,`col_username`,`HOSPITAL_col_id`)
VALUES (2,'2017-11-01','8d969eef6ecad3c29a3a629280e686cf0c3f5d5a86aff3ca12020c923adc6c92', true,
'ADMIN', 'Quality Manager', 'QUALITY_MANAGER', 'qa', null);

/* Regular User with password: 123456 */
INSERT INTO `pircs`.`tbl_operator` (`col_id`,`col_insertion_date`,`col_password`,
`col_receiving_emergency_emails`,`col_role`,
`col_title`,`col_operator_type`,`col_username`,`HOSPITAL_col_id`)
VALUES (3,'2017-11-01','8d969eef6ecad3c29a3a629280e686cf0c3f5d5a86aff3ca12020c923adc6c92', false,
'USER', '', 'REGULAR_USER', 'user', null);
```