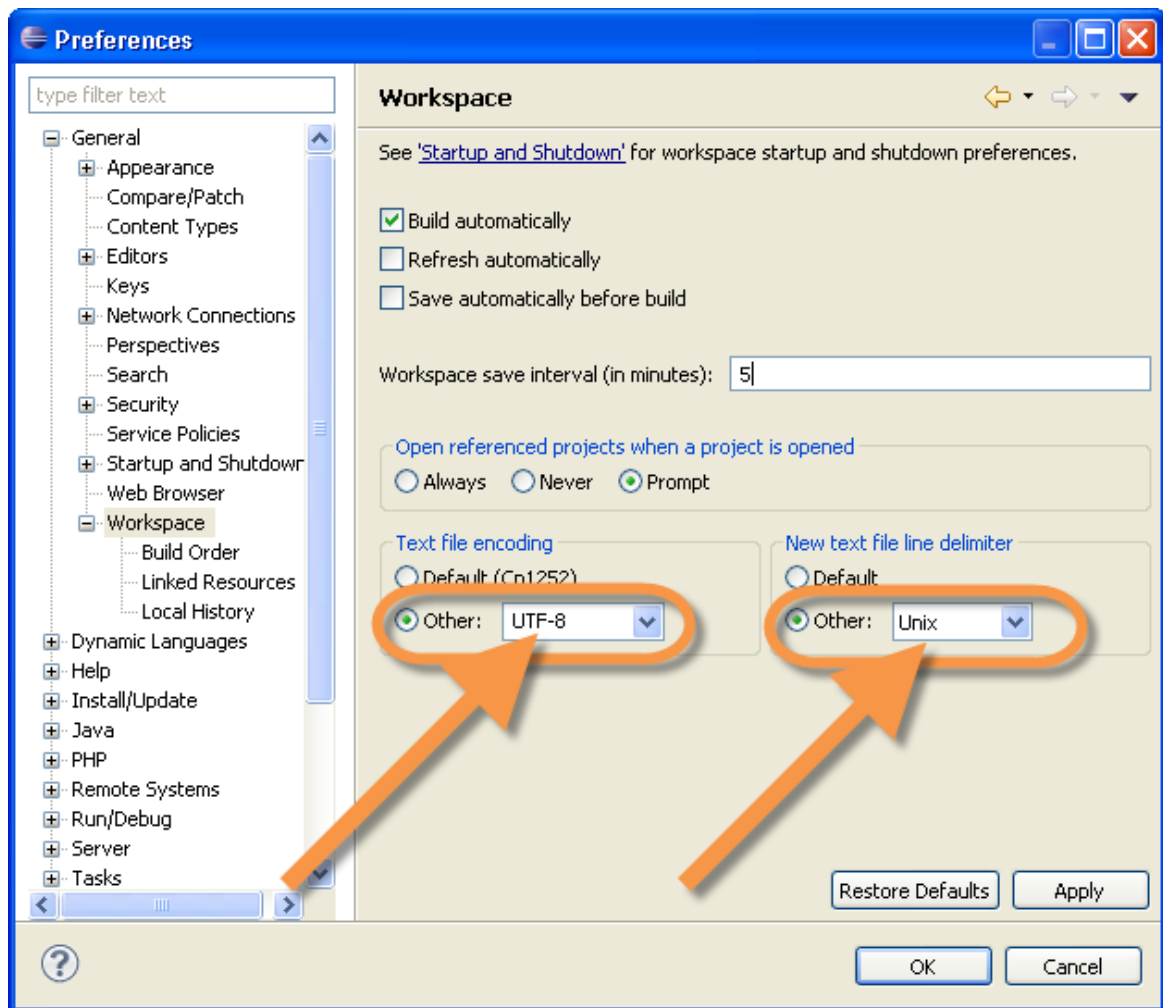


Instruções para configuração do ambiente de desenvolvimento

1. Ferramentas utilizadas para o desenvolvimento
 - a. Conta de usuário no site github.com
 - b. Conta de usuário no site trello.com
 - c. humv_backend + humv_desktop + banco de dados
 - i. IDE Eclipse Mars (Java EE)
 - ii. Servidor Apache Tomcat 8.0.33
 - iii. Banco de dados PostgreSQL 9.4.7
 - iv. JDK 1.8 (Java 8)
 - v. IDE Netbeans 8.1
2. Configurações
 - a. Clonar o projeto humv_backend através do programa Github Desktop (repositório humv)
 - b. Para o humv_backend + banco de dados
 - i. Configurar Apache Tomcat no Eclipse (adicionar servidor)
 - ii. Instalar o PostgreSQL
 1. Criar um database chamado **humv_db**
 2. Criar um database chamado **humv_log**
 3. Criar um usuário chamado **humv**
 4. A senha do usuário deverá ser **lAs1s_UFRB**
 5. Executar script (última página) no database **humv_log**
 6. Altere a porta do banco de dados para **15432**
 - iii. Importar projeto humv_backend no Eclipse
 - c. Para o humv_desktop
 - i. Importar projeto humv_desktop no Netbeans

Configurações do Eclipse para computadores com Windows



In Eclipse, go to **Preferences>General>Workspace** and select **UTF-8** as the **Text File Encoding**.

This should set the encoding for all the resources in your workspace. Any components you create from now on using the default encoding should all match.

Change the encoding for a resource (project, folder or file)

Right (or Control) click on the resource in the **WO Package Explorer** and select the **Properties** option at the bottom of the contextual menu.

Go to **Resource>Text File Encoding**.

You should see "**Inherited from container (UTF-8)**" if you've made the change above, otherwise it will be **(MacRoman)**.

Select **Other - UTF-8** and **Apply** to make the warning go away.

Servidor principal do ambiente de produção

1. IP do servidor: 10.114.114.114
2. PostgreSQL: porta 15432
3. Apache Tomcat: porta 80
4. Jenkins: porta 18080
5. Backup do banco de dados armazenado em /home/backup-db.sql
6. Inserir o seguinte trecho de código no arquivo do Apache Tomcat <TOMCAT_HOME>/conf/context.xml:

```
<Manager className="org.apache.catalina.session.PersistentManager" saveOnRestart="false"
maxActiveSessions="-1" minIdleSwap="-1" maxIdleSwap="-1" maxIdleBackup="-1">
    <Store className="org.apache.catalina.session.FileStore"/>
</Manager>
```

7. Criar usuário para o Apache Tomcat (username: humv / senha: lAs1s_UFRB) no arquivo <TOMCAT_HOME>/conf/tomcat-users.xml:

```
<role rolename="manager"/>
<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="admin"/>
<role rolename="admin-gui"/>
<user username="humv" password="lAs1s_UFRB" roles="manager,manager-gui,manager-
script,admin,admin-gui"/>
```

OBS.: lembrar de sempre utilizá-lo para fazer deploy de novas versões da aplicação.

8. No arquivo /conf/server.xml, mudar o código:

```
<Connector port="8080" protocol="HTTP/1.1" connectionTimeout="20000" redirectPort="8443" />
```

Para o trecho abaixo:

```
<Connector port="80" protocol="HTTP/1.1" connectionTimeout="20000" redirectPort="8443"
URIEncoding="UTF-8" compressableMimeType="text/html,text/xml,text/plain,text/css,text/
javascript,application/x-javascript,application/javascript"/>
```

```
-- Logback: the reliable, generic, fast and flexible logging framework.
-- Copyright (C) 1999-2010, QOS.ch. All rights reserved.
-- See http://logback.qos.ch/license.html for the applicable licensing
-- conditions.
-- This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender
-- It is intended for PostgreSQL databases.
-- DROP TABLE logging_event_property;
-- DROP TABLE logging_event_exception;
-- DROP TABLE logging_event;
-- DROP SEQUENCE logging_event_id_seq;
```

```
CREATE SEQUENCE logging_event_id_seq MINVALUE 1 START 1;
```

```
CREATE TABLE logging_event
(
  timestamp    BIGINT NOT NULL,
  formatted_message TEXT NOT NULL,
  logger_name  VARCHAR(254) NOT NULL,
  level_string VARCHAR(254) NOT NULL,
  thread_name  VARCHAR(254),
  reference_flag SMALLINT,
  arg0         VARCHAR(254),
  arg1         VARCHAR(254),
  arg2         VARCHAR(254),
  arg3         VARCHAR(254),
  caller_filename VARCHAR(254) NOT NULL,
  caller_class  VARCHAR(254) NOT NULL,
  caller_method VARCHAR(254) NOT NULL,
  caller_line   CHAR(4) NOT NULL,
  event_id     BIGINT DEFAULT nextval('logging_event_id_seq') PRIMARY KEY
);
```

```
CREATE TABLE logging_event_property
(
  event_id      BIGINT NOT NULL,
  mapped_key    VARCHAR(254) NOT NULL,
  mapped_value  VARCHAR(1024),
  PRIMARY KEY(event_id, mapped_key),
  FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);
```

```
CREATE TABLE logging_event_exception
(
  event_id      BIGINT NOT NULL,
  i             SMALLINT NOT NULL,
  trace_line    VARCHAR(254) NOT NULL,
  PRIMARY KEY(event_id, i),
  FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);
```

```
GRANT ALL PRIVILEGES ON TABLE logging_event TO humv;
GRANT ALL PRIVILEGES ON TABLE logging_event_property TO humv;
GRANT ALL PRIVILEGES ON TABLE logging_event_exception TO humv;
GRANT ALL PRIVILEGES ON TABLE logging_event_id_seq TO humv;
```

Servidor de backup do ambiente de produção

Arquivos de backup do banco de dados armazenados no diretório /home do usuário *humv*