Known issues

The following list describes well known issues in Tempus Serva.

- Container specific
- Designer
- Engine
- Frontend

Container specific

MySQL

Error migrating from 5.x to 8.x

Error messages

- ORDER BY clause is not in SELECT list, references column ... ([more])
- Invalid default value for 'CreatedAt' ([more])

The default SQL mode is causing trouble:

- ONLY_FULL_GROUP_BY (prevent order on fields not selected)
- STRICT_TRANS_TABLES (prevent default date values)
- NO_AUTO_VALUE_ON_ZERO (allow default date values)

Temporary fix

```
SET GLOBAL sql_mode='NO_AUTO_VALUE_ON_ZERO';
```

Permanent fix Set it in the configuration file

1. Open my.ini
2. Replace sql_mode definition with

```
sql_mode="NO_AUTO_VALUE_ON_ZERO"
```

Driver for +8.4 not being used

Make sure that the 8.4 driver is present in

- TOMCAT\lib
- TOMCAT\webapps\XXX\WEB-INF\lib

In the application context file: TOMCAT\conf\Catalina\localhost\XXX.xml

```
driverClassName=com.mysql.jdbc.Driver
```

Should be changed to (simply add '.cj')

```
driverClassName=com.mysql.cj.jdbc.Driver
```

Import timeouts

Sometimes large blobs will cause timeouts when running the mysql tool

- Create a config file with (example import.cnf)

```
[mysqld]
max_allowed_packet=1024M
innodb_lock_wait_timeout=3600
net_read_timeout=3600
net_write_timeout=3600
wait_timeout=3600
innodb_log_file_size=2048M
innodb_log_buffer_size=2048M
bulk_insert_buffer_size=1024M
```

- Then a parameter in the import --

```
mysql.exe --defaults-file=import.cnf ...
```

Unable to restart services

Kill the underlying processes for both webserver and database

```
sudo killall -KILL mysqld_safe mysqld
```

If you cannot start MySQL again try removing the logfiles

```
sudo mv /mnt/sda/mysql/ib_logfile0 /mnt/sda/backup/
sudo mv /mnt/sda/mysql/ib_logfile1 /mnt/sda/backup/
sudo mv /mnt/sda/mysql/ibdata1 /mnt/sda/backup/
```

In some cases DB table repairs are needed

```
sudo nano /etc/my.cnf
```

Add the line

```
innodb_force_recovery = 1
```

Recover data from backup

Create a restore script

```
sudo nano ./restoreall.sh
chmod 777 ./restoreall.sh
```

Add the following

```
APP="ts"

for sql_file in `ls /mnt/sda/backup/rsync/${APP}base_*.sql`;
do mysql -uroot -pPASSWORD ${APP}base < $sql_file ;
done

for sql_file in `ls /mnt/sda/backup/rsync/${APP}live_*.sql`;
do mysql -uroot -pPASSWORD ${APP}live < $sql_file ;
done

for sql_file in `ls /mnt/sda/backup/rsync/${APP}test_*.sql`;
do mysql -uroot -pPASSWORD ${APP}test < $sql_file ;
done
```

Encoding problems with SQL dumps

If it is caused by special characters (æøå) in the sql files

1. Open the .sql file in Notepad++
2. Set encoding to ANSI
3. Save

Tomcat

Warning during server stop

Example

> *SEVERE: The web application [/sandbox] registered the JDBC driver [com.mysql.jdbc.Driver] but failed to unregister it when the web application was stopped. To prevent a memory leak, the JDBC Driver has been forcibly*

> *unregistered.*

The warning is of no importance because the shutdown automatically kills all objects in memory, and no memory leaks are there possible.

JBoss

WARN errors during boot

Example

> *17:56:40,337 WARN [org.jboss.as.server.deployment] (MSC service thread 1-12) Class Path entry ...*

The warnings are due to jar taht have their version number appended to their name. Possible fixes include stripping the names of all jar files in the /WEB-INF/lib/, but recommended solution is ignoring the warnings.

Designer

References not fixed during restore where components need renaming (solution/bundles)

Workaround: Correct all parent/child references manually and redeploy solution

Solution configurations cannot be set to an empty value

Workaround: Set value to single whitespace " ".

Old backups from other solutions found in list of backups

When deleting solutions the Designer does not delete corresponding backups (saftety reasons).

In the future a list will be implemented to browse older backups, but untill hen you should just ignore this issue.

Engine

No unfixed issues

Frontend

Certain texts result in error when saving

When saving you get an error that looks like this

```
Incorrect string value: '\xC2\x94s\xC3
```

Your database is in legacy format and needs updating

```
main?command=dk.p2e.blanket.codeunit.common.PageConvertDatabaseToUTF8
```

Special characters are not displayed correctly

You might be using an older version of the database that is not using UTF8. This can bo corrected by running this codeunit:

```
main?command=dk.p2e.blanket.codeunit.common.PageConvertDatabaseToUTF8
```

Media files sometimes don't display after a boot

Media files are stored temporarily within the web application when requested. Depending of the speed of the underlying filesystem, they will not always be available for the server right away.

- Workaround: Reload the page (F5)
- Resolution: Tweak the configuration parameter **mediaFilterDelayMS**

Upload of files fails after server restart

Sometimes tempoarray folders are not reestablished after the server boots

- Frontend: Personal menu > Services > Rebuild folders
- Backend: Modules > Admin services

An error has occurred

Sometimes low-level tampering with field configuration, or force changing field types will result in this error.

- Workaround: Deploy solution
- Resolution
  1. Check which field fails: Modules > Event viewer

2. Delete field and create again

Natural sorting is off

Versions 11840 - 11899 had an issue where default "natural" sorting, sorted using a concatenated value og the DataID and resume, making the sorting weird and unpredictable.