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T!M data bases view

In order to work properly with the Dashboard the appropriate views have to be generated. These viewing options present T!M in an accessible and easy way. The corresponding sections can be included to the MySQL Client by using copy and paste functionality (Ctrl + Enter). Another possibility would be to download the script and then execute this file via the MySQL Server.

[tim_views.sql](#)

```
CREATE DEFINER=`root`@`localhost` FUNCTION `currentClient`() RETURNS
INT(11)
NO SQL
DETERMINISTIC
RETURN @currentClient;
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_activity` AS SELECT
`ni`.`ID_` AS `id`,
`ni`.`NAME_` AS `name`,
`ni`.`client_ID_` AS `clientId`,
`ni`.`CREATION_TIME_` AS `creationTime`,
`ni`.`creationUser_ID_` AS `creationUserId`,
`ni`.`processInstance_ID_` AS `instanceId`,
`ni`.`realStart` AS `start`,
`ni`.`realEnd` AS `end`,
`ni`.`loopCount` AS `loopCount`,
`ni`.`duration` AS `duration`,
`ni`.`escalationTime` AS `escalationTime`,
`ni`.`estimatedEnd` AS `estimatedEnd`,
`ni`.`desiredStart` AS `milestone`,
`ni`.`desiredStartTime` AS `milestoneDate`,
`ni`.`inTime` AS `inTime`,
`ni`.`puffer` AS `timeBuffer`,
`ni`.`calFAZ` AS `calculatedEST`,
`ni`.`calFEZ` AS `calculatedEFT`,
`ni`.`calSAZ` AS `calculatedLST`,
`ni`.`calSEZ` AS `calculatedLFT`,
`ni`.`numFAZ` AS `valueEST`,
`ni`.`numFEZ` AS `valueEFT`,
`ni`.`numSAZ` AS `valueLST`,
`ni`.`numSEZ` AS `valueLFT`,
`node`.`CLASS_` AS `type`
FROM ((`LOOM_NODEINSTANCE` `ni` JOIN `LOOM_NODE` `node` ON
(`ni`.`node_ID_` = `node`.`ID_`))) WHERE (`ni`.`client_ID_` =
```

```
`currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_definition` AS SELECT
`LOOM_PROCESSDEFINITION`.`ID` AS `id`,
`LOOM_PROCESSDEFINITION`.`NAME` AS `name`,
`LOOM_PROCESSDEFINITION`.`CLIENT` AS `clientId`,
`LOOM_PROCESSDEFINITION`.`CREATION_TIME` AS `creationTime`,
`LOOM_PROCESSDEFINITION`.`CREATION_USER` AS `creationUserId`,
`LOOM_PROCESSDEFINITION`.`DESCRIPTION` AS `description`,
`LOOM_PROCESSDEFINITION`.`VERSION` AS `version`,
`LOOM_PROCESSDEFINITION`.`ESCALATIONSTATUS` AS `escalationStatus`,
`LOOM_PROCESSDEFINITION`.`OWNER_EXPRESSION` AS `owner`,
`LOOM_PROCESSDEFINITION`.`STARTER_EXPRESSION` AS `starter`,
`LOOM_PROCESSDEFINITION`.`DEPLOYER_EXPRESSION` AS `deployer`,
`LOOM_PROCESSDEFINITION`.`ARCHIV` AS `archived`
FROM `LOOM_PROCESSDEFINITION` WHERE (`LOOM_PROCESSDEFINITION`.`CLIENT`
= `currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_effort` AS SELECT
`eff`.`ID` AS `id`,
`eff`.`NAME` AS `name`,
`eff`.`client_ID` AS `clientId`,
`eff`.`CREATION_TIME` AS `creationTime`,
`eff`.`creationUser_ID` AS `creationUserId`,
`eff`.`CLASS` AS `effortType`,
`eff`.`effort` AS `value`,
`eff`.`description` AS `description`,
`eff`.`costCenter_ID` AS `costCenterId`,
`ti`.`PROCINST` AS `instanceId`,
`eff`.`parentFolder_ID` AS `parentFolderId`
FROM (`LOOM_EFFORT` `eff` JOIN `LOOM_TASKINSTANCE` `ti`
ON((`eff`.`parentFolder_ID` = `ti`.`PARENT_FOLDER`)))
WHERE (`eff`.`client_ID` = `currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_identity` AS SELECT
`LOOM_IDENTITY`.`ID` AS `id`,
`LOOM_IDENTITY`.`NAME` AS `name`,
concat(`LOOM_IDENTITY`.`namelast`,` `,`LOOM_IDENTITY`.`namefirst`,`
```

```
(,`LOOM_IDENTITY`.`NAME`,`')') AS `displayName`,
`LOOM_IDENTITY`.`client_ID` AS `clientId`,
`LOOM_IDENTITY`.`CREATION_TIME` AS `creationTime`,
`LOOM_IDENTITY`.`creationUser_ID` AS `creationUserId`,
`LOOM_IDENTITY`.`CLASS` AS `identityType`,
`LOOM_IDENTITY`.`email` AS `email`,
`LOOM_IDENTITY`.`namefirst` AS `firstname`,
`LOOM_IDENTITY`.`namelast` AS `lastname`,
`LOOM_IDENTITY`.`ARCHIV` AS `archived`,
`LOOM_IDENTITY`.`blocked` AS `blocked`,
`LOOM_IDENTITY`.`parent_ID` AS `parentID`
FROM `LOOM_IDENTITY` WHERE (`LOOM_IDENTITY`.`client_ID` =
`currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_instance` AS SELECT
`pi`.`ID` AS `id`,
`pi`.`NAME` AS `name`,
`pd`.`NAME` AS `definitionName`,
`pi`.`CLIENT` AS `clientId`,
`pi`.`CREATION_TIME` AS `creationTime`,
`pi`.`key` AS `key`,
`pi`.`CREATION_USER` AS `creationUserId`,
`pi`.`PROCESSDEFINITION` AS `definitionId`,
`pi`.`DESCRIPTION` AS `instanceDescription`,
`pi`.`CREATION_GROUP` AS `creationGroup`,
`pi`.`END` AS `end`,
`pi`.`ARCHIV` AS `archiv`,
`pi`.`ARCHIVATIONUSER_ID` AS `archivationUserId`,
`pi`.`ROOTTOKEN` AS `rootToken`,
`pi`.`SUPERPROCESSTOKEN` AS `parentProcessToken`,
`pi`.`NEXT_ESCALATIONTIME` AS `nextEscalationTime`,
`pi`.`processVariableIndex_ID` AS `processVariableIndexId`,
`pi`.`inTime` AS `inTime`,
`pvi`.`field1` AS `index1`,
`pvi`.`value1` AS `value1`,
`pvi`.`field2` AS `index2`,
`pvi`.`value2` AS `value2`,
`pvi`.`field3` AS `index3`,
`pvi`.`value3` AS `value3`,
`pvi`.`field4` AS `index4`,
`pvi`.`value4` AS `value4`,
`pvi`.`field5` AS `index5`,
`pvi`.`value5` AS `value5`,
`pvi`.`field6` AS `index6`,
`pvi`.`value6` AS `value6`,
`pvi`.`field7` AS `index7`,
`pvi`.`value7` AS `value7`,
```

```
`pvi`.`field8` AS `index8`,
`pvi`.`value8` AS `value8`,
`pvi`.`field9` AS `index9`,
`pvi`.`value9` AS `value9`,
`pvi`.`field10` AS `index10`,
`pvi`.`value10` AS `value10`
FROM (((`LOOM_PROCESSINSTANCE` `pi` JOIN `LOOM_PROCESSVARIABLEINDEX`
`pvi` ON (`pi`.`processVariableIndex_ID` = `pvi`.`ID`))) JOIN
`LOOM_PROCESSDEFINITION` `pd` ON((`pi`.`PROCESSDEFINITION` =
`pd`.`ID`)))
WHERE (`pi`.`CLIENT` = `currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_swimlane` AS SELECT
`LOOM_SWIMLANEINSTANCE`.`ID` AS `id`,
`LOOM_SWIMLANEINSTANCE`.`NAME` AS `name`,
`LOOM_SWIMLANEINSTANCE`.`CLIENT` AS `clientId`,
`LOOM_SWIMLANEINSTANCE`.`PROCINST` AS `instanceId`,
`LOOM_SWIMLANEINSTANCE`.`ACTOR` AS `actor`,
`LOOM_SWIMLANEINSTANCE`.`POOLEDACTOR` AS `pooledActor`
FROM `LOOM_SWIMLANEINSTANCE` WHERE (`LOOM_SWIMLANEINSTANCE`.`CLIENT` =
`currentClient`());
```

```
CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_task` AS SELECT
`ti`.`ID` AS `id`,
`ti`.`NAME` AS `name`,
`ti`.`CLIENT` AS `clientId`,
`ti`.`CREATION_TIME` AS `creationTime`,
`ti`.`CREATION_USER` AS `creationUserId`,
`ti`.`PROCINST` AS `instanceId`,
`ti`.`DESCRIPTION` AS `description`,
`ti`.`START` AS `start`,
`ti`.`END` AS `end`,
`ti`.`ISOPEN` AS `isOpen`,
`ti`.`SWIMLANEINSTANCE` AS `swimlaneId`,
`ti`.`ACTOR` AS `actor`,
`ti`.`POOLEDACTOR` AS `pooledActor`,
`ti`.`NODEINSTANCE` AS `activity`,
`ta`.`ISADHOC` AS `isAdhoc`,
`ti`.`PARENT_FOLDER` AS `parentFolderId`,
`ti`.`archiv` AS `archiv`
FROM (`LOOM_TASKINSTANCE` `ti` JOIN `LOOM_TASK` `ta` ON((`ti`.`TASK` =
```

```
`ta`.`ID_`))) WHERE (`ti`.`CLIENT_` = `currentClient`());

CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_token` AS SELECT
`tok`.`ID_` AS `id`,
`tok`.`NAME_` AS `name`,
`pi`.`CLIENT_` AS `clientId`,
`tok`.`NODEINSTANCE_` AS `nodeInstance`,
`tok`.`PROCESSINSTANCE_` AS `instanceId`,
`tok`.`PARENT_` AS `parent`
FROM (`LOOM_TOKEN` `tok` JOIN `LOOM_PROCESSINSTANCE` `pi`
ON((`tok`.`PROCESSINSTANCE_` = `pi`.`ID_`))) WHERE (`pi`.`CLIENT_` =
`currentClient`());

CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_variable` AS SELECT
`vi`.`ID_` AS `id`,
`vi`.`NAME_` AS `name`,
`pi`.`CLIENT_` AS `clientId`,
`vi`.`PROCESSINSTANCE_` AS `instanceId`,
`vi`.`Stringvalue_` AS `stringvalue`,
`vi`.`label_` AS `label`
FROM (`LOOM_VARIABLEINSTANCE` `vi` JOIN `LOOM_PROCESSINSTANCE` `pi`
ON((`vi`.`PROCESSINSTANCE_` = `pi`.`ID_`))) WHERE (`pi`.`CLIENT_` =
`currentClient`());

CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY
DEFINER VIEW `view_role` AS SELECT
`LOOM_IDENTITY_ID_` AS `identityId`,
`ROLE_ID_` AS `roleId`
FROM `MN_IDENTITY_ROLE`;
```

Sobald die Views angelegt sind, können diese mit Hilfe der beschriebenen [TIM Tabellenstruktur](#) für Auswertungen mit dem [TIM Dashboard](#) verwendet werden.

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