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**tryton***timesheet*Documentation

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The timesheet module allow to track the time spent by employees on various works. This module also comes with several reports that show the time spent by employees on works following various time periods.



# CHAPTER 1

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## Work

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A work is a generic concept that encompass all activities from simple tasks to long-running projects. It can be alone or linked to another document. The Work model contains the following fields:

- Name or Origin: The name or the origin of the work.
- Active: A checkbox that allow to disable the work.
- Company: The company for which the work is (or was) executed.



A timesheet line express the fact that one employee spend a part of his/her time on a specific work at a given date. An optional Description field allow to give some extra informations about what have been done.

### 2.1 Timesheet User Application

The timesheet module defines some routes for user applications:

- *GET* `/<database_name>/timesheet/employees`: return the list of the user employees as dictionary with the keys: *id* and *name*.
- *GET* `/<database_name>/timesheet/employee/<int:employee>/works`: return the list of works available for the employee. The works are dictionary with keys: *id*, *name*, *start* and *end*. The dates are in the format `%Y-%m-%d`.
- *GET* `/<database_name>/timesheet/employee/<int:employee>/lines/<date>`: return the list of timesheet lines for the employee at the date (`%Y-%m-%d`). *The lines are dictionary with keys: 'id, work, work.name, duration and description*. The duration is in seconds.
- *POST* `/<database_name>/timesheet/line`: Create a line using the data as dictionary of value. The date must be in the format `%Y-%m-%d` and the *duration* in seconds.
- *PUT* `/<database_name>/timesheet/line/<int:line>`: Update the line using the data like for the *POST*.
- *DELETE* `/<database_name>/timesheet/line/<int:line>`: Delete the line