

# Internals: SympaSession.pm

This module provides objects to create, load, store and remove sessions

## **new()**

Creates an object Session.

### **Parameters**

- robot : sessions are related to a specific robot
- cookie : the sympa\_session cookie value which is a random value without any semantic

If cookie is undef or not in *session\_table*, new() will create a new session by allocation of a random. If cookie is defined and found in the *sympa\_session* table new check if the session is valid (mainly : the http client host (*remote\_addr*) must be the same as the host that initialyse the session).  may be usefull to ignore old sessions. If the session is valid it is loaded : load() .

## **load()**

- load() read session attributes from *session\_table* using cookie value as the primary key. All attributes are returned in a hash. Load() use tools::string\_2\_hash in order to convert the varchar *data\_session* column in a set of vars <var>=<value>;<var>=<value>;

## **store()**

- store() store session attributes from current objet into *session\_table*. Store update the *date\_session* attributes which is used by &SympaSession::purge\_session() to remove old sessions.

store() convert a set of vars into a *data\_session* string which can be stored in the database using tools::hash\_2\_string

## **purge\_old\_sessions()**

### **Parameters**

- robot

This proc is not object oriented. It is design to remove from *session\_table* old session. It is controled by the task\_manager depending on *sympa.conf* parameter *session\_expiration\_period*

## list\_sessions()

Use to list current session (feature from sympa admin page/listmaster only)

### Parameters

delay : number of second to select the age of listed sessions  
robot : connected\_only : off|on in order to limit or not the listed sessions to connected users

return an array of hash that describe sessions

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