odoo Development

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Day 3

PROJECT:

Basic Structure

Basic Fields

DATA FILES

BASIC ACTIONS

BASIC VIEWS

BASIC MODELS

Method decorators

ORM methods

ORM METHODS

Model.**create**(*vals_list*) → records[source]

Creates new records for the model.

The new records are initialized using the values from the list of dicts vals_list, and if necessary those from default_get().

ORM METHODS

Model.copy(*default=None*)[source]

Duplicate record self updating it with default values

ORM METHODS

Model.default_get(*fields_list*) → default_values[source]

Return default values for the fields in fields_list. Default values are determined by the context, user defaults, and the model itself.

ORM METHODS

Model.write(*vals*)[source]

Updates all records in self with the provided values.

ORM METHODS

Model.browse([*ids*]) → records[source]

Returns a recordset for the ids provided as parameter in the current environment.

ORM METHODS

Model.ensure_one()[source]

Verify that the current recordset holds a single record.

ORM METHODS

Model.unlink()[source]

Deletes the records in self.

ORM METHODS

Model.search(*domain, offset=0, limit=None, order=None, count=False***)[source]**

Searches for records based on the domain **search domain**.

SELF-STUDY

Model.name_create(*name*) → record[source]

Model.name_search(*name='', args=None, operator='ilike', limit=100*) → records[source]

Model.read([*fields*])[source]

Model.read_group(*domain, fields, groupby, offset=0, limit=None, orderby=False, lazy=True*)[source]

Model.search_count(*domain*) → int[source]

Model.exists() → records[source]

Model.name_get()[source]
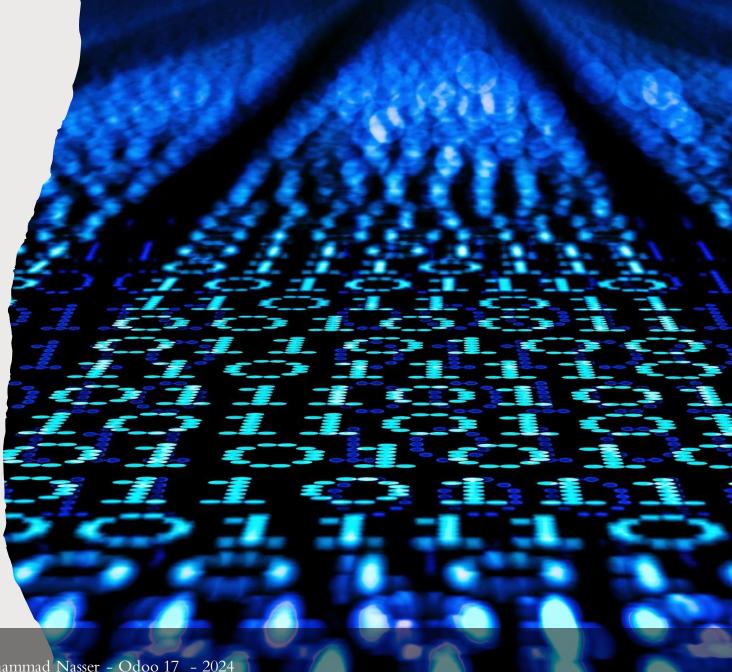
Model.get_metadata()[source]

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Search domain

SEARCH DOMAIN

A domain is a list of criteria, each criterion being a triple (either a list or a tuple) of (field_name, operator, value)

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Record(set) operations

FILTER

Model.filtered(*func*)[source]

Return the records in self satisfying func.

Model.filtered_domain(*domain*)[source]

Return the records in self satisfying the domain and keeping the same order.

MAP

Model.mapped(*func*)[source]

Apply func on all records in self, and return the result as a list or a recordset (if func return recordsets).

In the latter case, the order of the returned recordset is arbitrary.

SORT

Model.sorted(*key=None, reverse=False*)[source]

Return the recordset self ordered by key.

LAP THREE

Hospital Management System (lap 3)

+

1. Add workflow with action buttons to all states in the patient model.

2. Create a wizard to add a new log history line in the patient model.