Portfolio Management Tool (PMT)
Database Documentation

Schema Diagrams

Draft Version
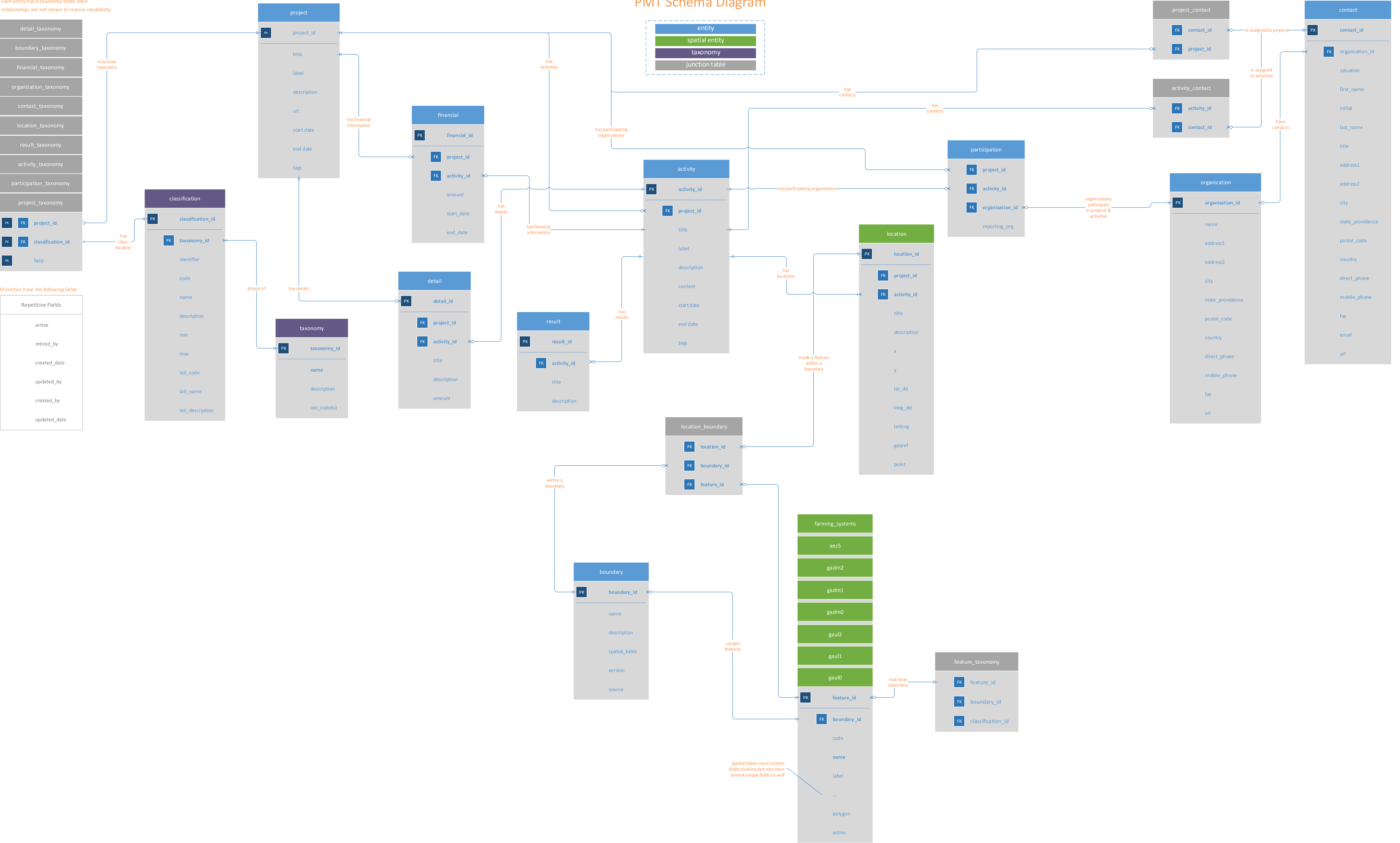
Spatial Development International, LLC
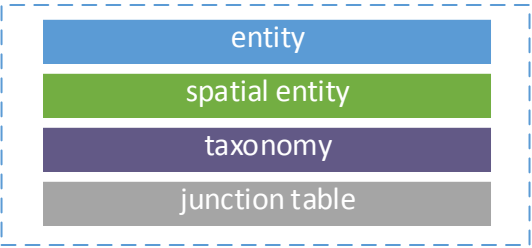
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PMT Schema Diagram

Each entity has a taxonomy table, their relationships are not shown to reserve readability.

Legend

entity
spatial entity
taxonomy
junction table

Taxonomy tables:
- detail_taxonomy
- boundary_taxonomy
- financial_taxonomy
- organization_taxonomy
- contact_taxonomy
- location_taxonomy
- result_taxonomy
- activity_taxonomy
- participation_taxonomy
- project_taxonomy

project_taxonomy
- PK FK project_id
- PK FK classification_id
- PK field

All entities have the following fields

Repetitive Fields
- active
- retired_by
- created_date
- updated_by
- created_by
- updated_date

project
- PK project_id
- title
- label
- description
- url
- start date
- end date
- tags

classification
- PK classification_id
- FK taxonomy_id
- identifier
- code
- name
- description
- min
- max
- iati_code
- iati_name
- iati_description

taxonomy
- PK taxonomy_id
- name
- description
- iati_codelist

financial
- PK financial_id
- FK project_id
- FK activity_id
- amount
- start_date
- end_date

detail
- PK detail_id
- FK project_id
- FK activity_id
- title
- description
- amount

result
- PK result_id
- FK activity_id
- title
- description

activity
- PK activity_id
- FK project_id
- title
- label
- description
- content
- start date
- end date
- tags

location
- PK location_id
- FK project_id
- FK activity_id
- title
- description
- x
- y
- lat_dd
- long_dd
- latlong
- georef
- point

participation
- FK project_id
- FK activity_id
- FK organization_id
- reporting_org

project_contact
- FK contact_id
- FK project_id

activity_contact
- FK activity_id
- FK contact_id

contact
- PK contact_id
- organization_id
- salutation
- first_name
- initial
- last_name
- title
- address1
- address2
- city
- state_providence
- postal_code
- country
- direct_phone
- mobile_phone
- fax
- email
- url

organization
- PK organization_id
- name
- address1
- address2
- city
- state_providence
- postal_code
- country
- direct_phone
- mobile_phone
- fax
- url

location_boundary
- FK location_id
- FK boundary_id
- FK feature_id

boundary
- PK boundary_id
- name
- description
- spatial_table
- version
- source

farming_systems
- aez5
- gadm2
- gadm1
- gadm0
- gaul2
- gaul1
- gaul0
- PK feature_id
- FK boundary_id
- code
- name
- label
- ...
- polygon
- active

Spatial tables must contain fields showing but may have several unique fields as well

feature_taxonomy
- FK feature_id
- FK boundary_id
- FK classification_id

Relationship labels:
- may have taxonomy
- has activities
- has financial information
- has participating organizations
- has contacts
- has participating organizations
- has details
- has financial information
- has classification
- groups of
- has details
- has results
- has locations
- inside a feature within a boundary
- within a boundary
- contain features
- may have taxonomy
- organizations participate in projects & activities
- is assigned to projects
- is assigned to activities
- have contacts
- reporting_org

Last Update October 18, 2013

Application Schema Diagram

Legend

entity
spatial entity
taxonomy
junction table

user

PK	**user_id**
	first_name
	last_name
	username
	email
	password

All entities have the following fields

Repetitive Fields

active

created_date

updated_by

created_by

updated_date