

PMT Database Data Dictionary

Comprehensive documentation of all the tables, fields & triggers within the PMT database.

Notable Information

- All fields in the database prefixed with an underscore (_) are *core* data fields, which are present in all PMT database instances.
- All views in the database prefixed with an underscore (_) are *core* views, which are present in all PMT database instances.
- Primary and foreign keys are not prefixed with an underscore (_).
- All primary keys are named id.
- All foreign keys are named after their representative table (i.e. foreign key to activity table would be named activity_id).

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activity

Description

The main table in the data model, representing the highest level in the hierarchy of data elements. The activity table houses all activity related data.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
data_group_id	integer		FK - classification.id	Foreign key to the classification table for the Data Group taxonomy.

parent_id	integer	FK - activity.id	Self referencing foreign key to the activity table. Allows activities to be related to one another in an unlimited hierarchy.
_title	character varying		Title of the activity.
_label	character varying		Label of the activity. This field is used instead of <i>_title</i> , when space is limited for display.
_description	character varying		Description of the activity.
_objective	character varying		Specific objectives of the activity.
_content	character varying		Additional field for any related information about the activity, that is not represented in any other field.
_url	character varying		URL for the activity.
_start_date	date		Actual start date for the activity.
_plan_start_date	date		Planned start date for the activity.
_end_date	date		Actual end date for the activity.
_plan_end_date	date		Planned end date for the activity.
_tags	character varying		Comma separated list of keywords or terms that describe the activity. This metadata is used for browsing or searching.
_iati_identifer	character varying(150)		External primary key for the activity. For data originating in a system outside of the PMT, this field is used to store that systems primary key.
iati_import_id	integer	FK -	Foreign key to the

			iati_import.id	iati_import table. When populated the record has been imported from the associated IATI activity document.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as " <i>deleted</i> ".
_retired_by	integer			Activity id (primary key) of the activity that has replaced/retired this activity.
_created_by	character varying(150)			Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date		Date the record was created in the PMT Database.
_updated_by	character varying(150)			Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date		Date the record was last edited in the PMT Database.

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activity_contact

Description

A junction table to link activities to contacts. An activity can have zero to many contacts.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
activity_id	integer		FK - activity.id	Foreign key to the activity table.
contact_id	integer		FK - contact.id	Foreign key to the contact table.

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activity_taxonomy

Description

A junction table to link activities to taxonomy classifications. An activity can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
activity_id	integer		FK - activity.id	Foreign key to the activity table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the activity table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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boundary

Description

The boundary table keeps track of all the available boundary data loaded into the PMT Database. A boundary is a polygon representation of an administrative boundary. Any boundary layer added to the database must have a record in the boundary table in order for that boundary layer to participate in PMT features (see: [location_boundary](#)).

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_name	character varying(250)			Name or title of the boundary layer.
_description	character varying			Description of the boundary layer.
_spatial_table	character varying(50)			Table name of the boundary layer loaded in the PMT Database.
_version	character varying(50)			Version of the boundary layer. Most commonly this is the year the boundary layer was developed.
_source	character varying(150)			Source of the boundary layer. Use a URL to source where possible.
_type	character varying			The type of boundary layer. Used for grouping common boundaries. Example: gadm or gaul.
_admin_level	integer			The level of boundary in terms of commonly accepted administrative boundary levels: 0 (country), 1 (region), 2 (district), etc.
_group	character varying			The boundary group, similar to data groups. Allows boundaries to be grouped by owner or purpose (i.e. global, country (tza, eth)).
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as "deleted".
_retired_by	integer			Boundary id (primary key) of the boundary that has

_created_by	character varying(150)		replaced/retired this boundary. Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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boundary_taxonomy

Description

A junction table to link boundaries to taxonomy classifications. A boundary can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
boundary_id	integer		FK - boundary.id	Foreign key to the boundary table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the boundary table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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classification

Description

The classification table houses all the classifications for each taxonomy. A taxonomy has one to many classifications. Taxonomies are a central core data model concept to the PMT. For more information on taxonomies, see the *"Understanding the Data Model"* document.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
taxonomy_id	integer		FK - taxonomy.id	Foreign key to the taxonomy table.
_code	character varying(25)			Code associated to a classification. Example CA is a code for the state of California.
_name	character varying(255)			Name or title of a classification. This field will appear in the application in most instances.
_description	character varying			Description of a classification.
_iati_code	character varying(25)			Code associated to a classification used by IATI (either as export or imported data).
_iati_name	character varying(255)			Name or title of a classification used by IATI (either as export or imported data).
_iati_description	character varying			Description of a classification used by IATI (either as export or imported data).
parent_id	integer		FK - classification.id	A self referencing foreign key to the classification table. Allows classifications to be

_active	boolean	true	related to one another in an unlimited hierarchy. T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		Classification id (primary key) of the classification that has replaced/retired this classification.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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config

Description

The config table contains information regarding the PMT Database instance. This is a system table for system related information and does not contain portfolio data.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the

_version	numeric(2,1)		table.
_download_dir	text		Current version of the database.
_created_date	timestamp without time	current date	Postgres data directory.
_updated_date	timestamp without time	current date	Date the database was created.
			Date the database was last updated.

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contact

Description

The contact table contains information about people that can be considered as a point of contact for an activity or organization.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
organization_id	integer		FK - organization.id	Foreign key to the organization table, representing the contact's organization affiliation.
_salutation	character varying(16)			Name salutation. Examples: Dr. Mr. Mrs. Ms.
_first_name	character varying			First name.
_initial	character varying(1)			Middle initial.
_last_name	character varying(128)			Last name.
_title	character varying(75)			Professional or working title.
_address1	character			Address.

_address2	character varying(150)		Additional address field.
_city	character varying(30)		City.
_state_providence	character varying(50)		State or providence.
_postal_code	character varying(32)		Postal code .
_country	character varying(50)		Country.
_direct_phone	character varying(21)		Phone number.
_mobile_phone	character varying(21)		Mobile number.
_fax	character varying(21)		Fax number.
_email	character varying(100)		Email address.
_url	character varying(100)		Company website or other professional website related to the contact.
iati_import_id	integer	FK - iati_import.id	Foreign key to the iati_import table. When populated the record has been imported from the associated IATI activity document.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as " <i>deleted</i> ".
_retired_by	integer		Contact id (primary key) of the contact that has replaced/retired this contact.
_created_by	character varying(150)		Username of user or script name of data script that has created

_created_date	timestamp without time	current date	the record in the PMT Database. Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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contact_taxonomy

Description

A junction table to link contacts to taxonomy classifications. A contact can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
contact_id	integer		FK - contact.id	Foreign key to the contact table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the contact table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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detail

Description

The detail table contains additional activity details. An activity can have zero to many details.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
activity_id	integer		FK - activity.id	Foreign key to the activity table.
_title	character varying			Title of the detail.
_description	character varying			Description of the detail.
_amount	numeric(12,2)			Numerical amount associated to the detail.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as "deleted".
_retired_by	integer			Detail id (primary key) of the detail that has replaced/retired this detail.
_created_by	character varying(150)			Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date		Date the record was created in the PMT Database.
_updated_by	character varying(150)			Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date		Date the record was last edited in the PMT Database.

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detail_taxonomy

Description

A junction table to link details to taxonomy classifications. A detail can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
detail_id	integer		FK - detail.id	Foreign key to the detail table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the detail table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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feature_taxonomy

Description

A junction table to link boundary features to taxonomy classifications. A boundary feature can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
feature_id	integer		Check constraint	Check enforced foreign key to the spatial boundary table specified by the boundary_id.
boundary_id	integer		FK - boundary.id	Foreign key to the boundary table.

classification_id	integer	FK - classification.id	Foreign key to the classification table.
_field	character varying(50)		Name of the boundary table field (as specified in the boundary_id) in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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financial

Description

The financial table contains additional activity details. An activity can have zero to many details.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
activity_id	integer		FK - activity.id	Foreign key to the activity table.
provider_id	integer		FK - organization.id	Foreign key to the organization table. The organization the providing the financial amount.
recipient_id	integer		FK - organization.id	Foreign key to the organization table. The organization the receiving the financial amount.
_amount	numeric(100,2)			Monetary value.
_start_date	date			Start date associated to the monetary value.
_end_date	date			End date associated to

_active	boolean	true	the monetary value. T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as " <i>deleted</i> ".
_retired_by	integer		Financial id (primary key) of the financial record that has replaced/retired this financial record.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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financial_taxonomy

Description

A junction table to link financial records to taxonomy classifications. A financial record can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
financial_id	integer		FK - financial.id	Foreign key to the financial

classification_id	integer	FK - classification.id	table. Foreign key to the classification table.
_field	character varying(50)		Name of the financial table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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iati_import

Description

The iati_import table loads IATI formatted xml data into the PMT database. Using the function [pmt_iati_import](#) xml data is copied into the iati_import table, which fires the pmt_process_iati trigger that loads the IATI formatted xml data into the PMT database. Currently the import process supports IATI [codelists](#) and [activity](#) xml documents.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_action	character varying(25)	insert		Action to perform on the imported xml. Options: insert.
_type	character varying(50)			Type of imported xml. Options: code list or iati-activity. The trigger on this table updates this field on INSERT based on xml document type.
_codelist	character varying(100)			Codelist name of imported xml document of type <i>codelist</i> . The trigger on this table updates this field on INSERT of a <i>codelist</i> document type.
_data_group	character varying(100)			Data group name for imported xml document of type <i>iati- activity</i> . The trigger on this table will create a new classification in the Data Group

			taxonomy if the provided value does not exist.
_version	numeric	The IATI version of the imported xml document of type <i>iati-activity</i> . The trigger on this table updates this field on INSERT base on the attribute value for version.	
_error	character varying	Error description. The trigger on this table will write an error description if the trigger fails to import the xml data.	
_xml	xml	Xml document to be loaded into the PMT database.	
_created_by	character varying(150)	Username of user or script name of data script that has created the record in the PMT Database.	
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.

Triggers

- **pmt_iati_preprocess** (BEFORE INSERT) - pre-process the IATI xml documents to collect important information needed for processing, this information is then recorded in the *iati_import* table. Currently supports IATI [codelists](#) and [activity](#) xml documents.
- **pmt_iati_evaluate** (AFTER INSERT) - evaluate the IATI xml documents attributes recorded by the *pmt_iati_preprocess* trigger to determine which ETL function to perform to load the data into the PMT.

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location

Description

The location table contains a spatial location associated to an activity. An activity can have zero to one locations. A location can be a point or a polygon from an associated boundary feature.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
activity_id	integer		FK - activity.id	Foreign key to the activity table.
boundary_id	integer		FK - boundary.id	Foreign key to the boundary table. The boundary table containing the feature represented by the feature_id.
feature_id	integer		Check constraint	Check enforced foreign key to the spatial boundary table specified by the boundary_id.
_title	character varying			Title of the location.
_description	character varying			Description of the location.
_x	integer			x coordinate as integer, calculated from point on INSERT or UPDATE.
_y	integer			y coordinate as integer, calculated from point on INSERT or UPDATE.
_lat_dd	numeric			Latitude in decimal degrees format (DDD.dddd), calculated from point on INSERT or UPDATE.
_long_dd	numeric			Longitude in decimal degrees format (DDD.dddd), calculated from point on INSERT or UPDATE.
_latlong	character varying(100)			Latitude & longitude in compass direction format (DDD MM SS + compass direction), calculated from point on INSERT or UPDATE.
_admin0	character varying			Administrative boundary level 0, for boundary geocoded locations.

_admin1	character varying		Administrative boundary level 1, for boundary geocoded locations.
_admin2	character varying		Administrative boundary level 2, for boundary geocoded locations.
_admin3	character varying		Administrative boundary level 3, for boundary geocoded locations.
_admin4	character varying		Administrative boundary level 4, for boundary geocoded locations.
_admin_level	integer		Administrative level for boundary geocoded locations (0 - Country, 1 - Region, 2 - District, 3 - Ward, 4 - Village, 99 - Exact or Point).
_point	geometry		Spatial point.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		Location id (primary key) of the location that has replaced/retired this location.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

Triggers

- **pmt_upd_geometry_formats** (INSERT, UPDATE) - calculates and updates all the location formats (_x, _y, _lat_dd, _long_dd, _latlong, _georef) in the location table based on inserted or updated point.
- **pmt_upd_boundary_features** (INSERT, UPDATE) - locates all the boundary features intersected by the inserted or updated point or the associated boundary feature and creates relationships to the point/polygon within the [location_boundary](#) table.
- **pmt_dlt_boundary_features** (DELETE) - removes all the boundary features relationships to the point within the [location_boundary](#) table before the location is deleted.

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location_boundary

Description

A junction table to link locations and boundaries. Represents the diverse relationship between locations and the available boundaries within the PMT. Available boundaries are listed in the [boundary](#) table. When a point is inserted or updated in the [location](#) table a trigger locates all the boundary features intersected by that point and records the relationship in the location_boundary table.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
location_id	integer		FK - location.id	Foreign key to the location table.
boundary_id	integer		FK - boundary.id	Foreign key to the boundary table.
feature_id	integer		Check constraint	Check enforced foreign key to the spatial boundary table specified by the boundary_id.
_feature_name	character varying			Name of the feature associated.

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location_taxonomy

Description

A junction table to link locations to taxonomy classifications. A location can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
location_id	integer		FK - location.id	Foreign key to the location table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the location table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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organization

Description

The organization table contains information about organizations that participate in activities in one of the four capacities outline in the [IATI Standard for Organization Roles](#).

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_name	character varying			Name of the organization.
_label	character varying			Organization name's abbreviation or shorten version.
_address1	character varying(150)			Address.
_address2	character varying(150)			Additional address field.
_city	character varying(30)			City.
_state_providence	character			State or providence.

_postal_code	varying(50) character varying(32)		Postal code .
_country	character varying(50)		Country.
_direct_phone	character varying(21)		Phone number.
_mobile_phone	character varying(21)		Mobile number.
_fax	character varying(21)		Fax number.
_url	character varying(150)		Company website or other professional website related to the organization.
iati_import_id	integer	FK - iati_import.id	Foreign key to the iati_import table. When populated the record has been imported from the associated IATI activity document.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as " <i>deleted</i> ".
_retired_by	integer		Organization id (primary key) of the organization that has replaced/retired this organization.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the

_updated_date	timestamp without time	current date	record in the PMT Database. Date the record was last edited in the PMT Database.
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organization_taxonomy

Description

A junction table to link organizations to taxonomy classifications. A organization can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
organization_id	integer		FK - organization.id	Foreign key to the organization table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the organization table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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participation

Description

A junction table to link activities and organization. Represents the diverse relationship between activities and organizations. Organizations can participate in zero to many activities. Activities can have zero to many organization participants.

Field List

All **bold** fields are required.

Field	Data Type	Default	Constraint	Description
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		Value		
id	serial	automated	PK	Primary key for the table.
activity_id	integer		FK - activity.id	Foreign key to the activity table.
organization_id	integer		FK - organization.id	Foreign key to the organization table.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as " <i>deleted</i> ".
_retired_by	integer			Participation id (primary key) of the participation that has replaced/retired this participation.
_created_by	character varying(150)			Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date		Date the record was created in the PMT Database.
_updated_by	character varying(150)			Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date		Date the record was last edited in the PMT Database.

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participation_taxonomy

Description

A junction table to link participation records to taxonomy classifications. A participation record can have zero to many taxonomy classifications. The primary taxonomy used on participation records is the Organisation Role.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
participation_id	integer		FK - participation.id	Foreign key to the participation table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the participation table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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result

Description

The result table contains information related to activities that describe an outcome of the related activity. Activities can have zero to many results.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
activity_id	integer		FK - activity.id	Foreign key to the activity table.
_title	character varying			Title of the result.
_description	character varying			Description of the result.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as "deleted".

_retired_by	integer		Result id (primary key) of the result that has replaced/retired this result.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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result_taxonomy

Description

A junction table to link results to taxonomy classifications. A result can have zero to many taxonomy classifications.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
result_id	integer		FK - result.id	Foreign key to the result table.
classification_id	integer		FK - classification.id	Foreign key to the classification table.
_field	character varying(50)			Name of the result table field in which the taxonomy classification is associated. If id, then the taxonomy is assumed to be associated to the entire record.

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role

Description

The role table contains the roles users can be assign to. Roles determine permissions.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_name	character varying			Name of the role.
_description	character varying			Description of the role.
_read	boolean	false		T/F role has read permissions.
_create	boolean	false		T/F role has create permissions.
_update	boolean	false		T/F role has update permissions.
_delete	boolean	false		T/F role has delete permissions.
_super	boolean	false		T/F role has all crud permissions: read, create, update, delete. Overrides any settings for individual CRUD settings.
_security	boolean	false		T/F role has ability to grant permissions.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as "deleted".
_retired_by	integer			Role id (primary key) of the role that has replaced/retired this role.
_created_by	character varying(150)			Username of user or script name of data script that has created the record in the PMT

_created_date	timestamp without time	current date	Database. Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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stats_data

Description

The stats_data table contains statistical information for a specified boundary and indicator. Available indicators can be found in the [stats_metadata](#) table.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
stats_metadata_id	integer			FK - stats_metadata.id
_code	character varying			Code for referenced boundary the statistic applies to (i.e. 3 digit ISO code for countries).
_name	character varying			Full name of the referenced boundary the statistic applies to.
_boundary_level	integer			Level of referenced administrative boundary. Example: 0 - country.
_data_type	character varying			Statistic data type: continuous or classification.
_data	character varying			The default data value for the statistic.
_2000	character varying			The data value for the statistic for the year 2000.

_2001	character varying		The data value for the statistic for the year 2001.
_2002	character varying		The data value for the statistic for the year 2002.
_2003	character varying		The data value for the statistic for the year 2003.
_2004	character varying		The data value for the statistic for the year 2004.
_2005	character varying		The data value for the statistic for the year 2005.
_2006	character varying		The data value for the statistic for the year 2006.
_2007	character varying		The data value for the statistic for the year 2007.
_2008	character varying		The data value for the statistic for the year 2008.
_2009	character varying		The data value for the statistic for the year 2009.
_2010	character varying		The data value for the statistic for the year 2010.
_2011	character varying		The data value for the statistic for the year 2011.
_2012	character varying		The data value for the statistic for the year 2012.
_2013	character varying		The data value for the statistic for the year 2013.
_2014	character varying		The data value for the statistic for the year 2014.
_2015	character varying		The data value for the statistic for the year 2015.
_2016	character varying		The data value for the statistic for the year 2016.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		stats_data id (primary key) of the stats_data record that has replaced/retired this

_created_by	character varying(150)		stats_data record. Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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stats_metadata

Description

The stats_metadata table contains statistical metadata for available indicators. Data for the indicators can be found in the [stats_data](#) table.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_code	character varying			Code for the indicator.
_name	character varying			Full name of the indicator.
_description	character varying			Description of the indicator.
_source	character varying			Source of indicator data.
_category	character varying			Category the indicator is grouped under.
_sub_category	character varying			Sub-category the indicator is grouped under.
_periodicity	character varying			The frequency in which the data is updated.

_aggregation	character varying		The formula or information about how the data was aggregated.
_exceptions	character varying		Exemptions or limitations of the data.
_comments	character varying		Comments about the data or the collection process.
_dataset	character varying		The name of the dataset in which the indicator belongs to.
_data_origin	character varying		The url or origin of where the data was obtained or downloaded.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		stats_data id (primary key) of the stats_data record that has replaced/retired this stats_data record.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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taxonomy

Description

The taxonomy table contains the information for taxonomies. Taxonomies are a central core data model concept to the PMT. For more information on taxonomies, see the *"Understanding the Data Model"* document.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
_name	character varying(255)			Name of the taxonomy.
_description	character varying			Description of the taxonomy.
_iati_codelist	character varying(100)			Name of the IATI codelist, only applies to loaded IATI taxonomies .
parent_id	integer		FK - taxonomy.id	Self referencing foreign key to the taxonomy table. Allows taxonomies to be related to one another in an unlimited hierarchy.
_is_category	boolean	false		T/F the taxonomy is a category for another taxonomy.
_active	boolean	true		T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as "deleted".
_retired_by	integer			taxonomy id (primary key) of the taxonomy that has replaced/retired this taxonomy.
_created_by	character varying(150)			Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date		Date the record was created in the PMT Database.
_updated_by	character varying(150)			Username of user or script name of data script that has last updated the record in the PMT Database.

_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.
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taxonomy_xwalk

Description

The taxonomy crosswalk table is used to connect to taxonomies together to allow data to be interchangeably described by either taxonomy regardless of the data's origin taxonomy.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
origin_taxonomy_id	integer		FK - taxonomy.id	Foreign key to the taxonomy table. Origin or source taxonomy that will be linked to another taxonomy.
linked_taxonomy_id	integer		FK - taxonomy.id	Foreign key to the taxonomy table. Linked taxonomy that will be linked to the origin taxonomy.
origin_classification_id	integer		FK - classification.id	Foreign key to the classification table. Origin or source classification that will be linked to another classification.
linked_classification_id	integer		FK - classification.id	Foreign key to the classification table. Linked classification that will be linked to

_direction	character varying(5)	ONE	the origin classification. Direction of crosswalk. ONE - one way: origin to link. BOTH - both ways: origin to link and link to origin.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read- only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		Taxonomy_xwalk id (primary key) of the taxonomy_xwalk record that has replaced/retired this taxonomy_xwalk record.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.

_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.
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user_activity_role

Description

The user activity role table provides users permissions via roles to activities. Assignments of permissions for a user to activities can be done per activity or by a taxonomy classification.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
user_id	integer		FK - user.id	Foreign key to the user table. The user being granted a role on an activity.
role_id	integer		FK - role.id	Foreign key to the role table. The role the user is assigned for an activity.
activity_id	integer		FK - activity.id	Foreign key to the activity table. The activity the users has permissions on. Activity_id OR classification_id must not be null. When activity_id is used then user is provided permissions to the single activity.
classification_id	integer		FK - classification.id	Foreign key to the classification table. The user is granted permission to all activities having the specified classification. Activity_id OR classification_id must not be null.

_direction	character varying(5)	ONE	Direction of crosswalk. ONE - one way: origin to link. BOTH - both ways: origin to link and link to origin.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		User_activity_role id (primary key) of the User_activity_role record that has replaced/retired this User_activity_role record.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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user_log

Description

The user log table contains information about users accessing the PMT database.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
user_id	integer		FK - user.id	Foreign key to the user table. The user_id of the username.
_username	character varying(255)			The username of the user accessing the PMT.
_access_date	timestamp without time	current date		The date the user accessed the PMT.
_status	character varying(50)			The status of the user's access to the PMT. Options: success or fail.

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users

Description

The users table contains all the PMT users.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.
organization_id	integer		FK - organization.id	Foreign key to the organization table. The organization the user belongs to.
role_id	integer	1	FK - role.id	Foreign key to the role table. The role the user is assigned for database level permissions.
_first_name	character varying(150)			First name.
_last_name	character varying(150)			Last name.
_username	character varying(255)			Username.
_email	character varying(255)			Email.

_password	character varying(255)		Password.
_active	boolean	true	T/F the record is active. Inactive records are not accessible through any of the PMT read-only interfaces. Essentially treated as <i>"deleted"</i> .
_retired_by	integer		User id (primary key) of the user record that has replaced/retired this user record.
_created_by	character varying(150)		Username of user or script name of data script that has created the record in the PMT Database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_by	character varying(150)		Username of user or script name of data script that has last updated the record in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

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version

Description

The version table contains all the change information for a PMT instance.

Field List

All **bold** fields are required.

Field	Data Type	Default Value	Constraint	Description
id	serial	automated	PK	Primary key for the table.

_version	numeric(2,1)		The current version if the PMT database the change set is targeting.
_iteration	integer		The iteration of change for the current version of the PMT database the change set is targeting.
_changeset	integer		The change set number of the iteration and version of the PMT database.
_created_date	timestamp without time	current date	Date the record was created in the PMT Database.
_updated_date	timestamp without time	current date	Date the record was last edited in the PMT Database.

Triggers

- **pmt_upd_version** (INSERT) - determines if this change script has been executed before, and only records first time executions. Updates the updated_date for additional executions.

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