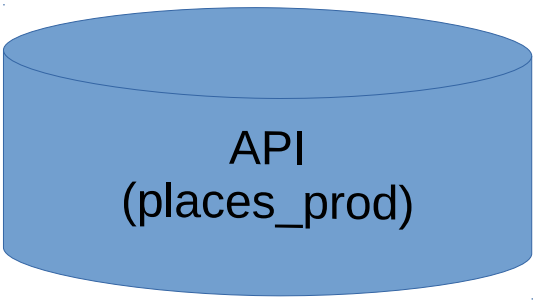
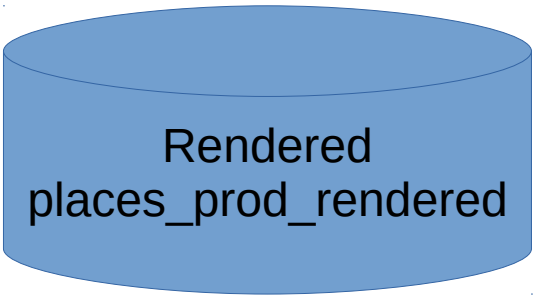


Fork Of:
http://wiki.openstreetmap.org/wiki/Rails_port/Database_schema

Three addition Views:
- pgs_current_node
- pgs_current_way
- pgs_current_relation



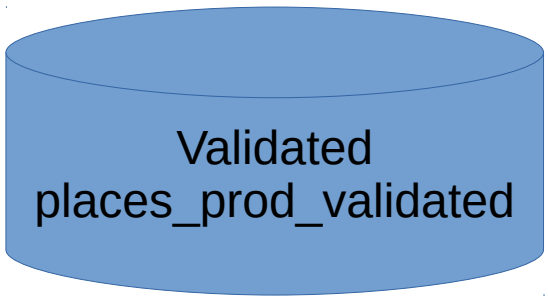
Fork of:
http://wiki.openstreetmap.org/wiki/Osm2pgsql/schema

API Data:
- Nodes
- Ways
- Relations
- Way_Nodes
- Relation_Members

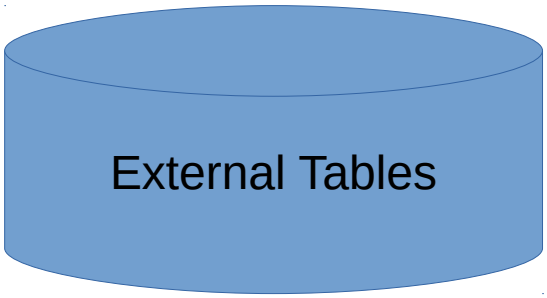
Rendered Data:
- planet_osm_point
- planet_osm_polygon
- planet_osm_line
- planet_osm_road

Custom NPS Tables:
Render Logs:
- render_log
- change_log

NPMap Data:
- tag_list
- validation_tags
- validators
- park_unit_boundaries



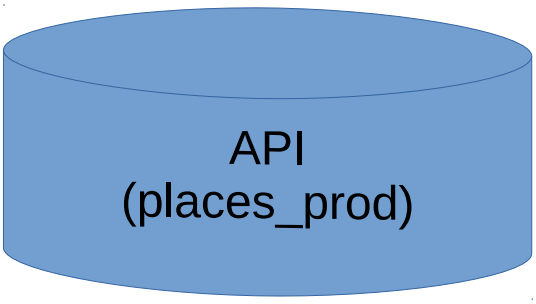
Clone of Rendered Database
Without the NPMap Data
Only contains elements that have been validated



CartoDB Main Tables:
- points_of_interest
- places_lines
- places_polygons

CartoDB “Views”:
- buildings
- parking_lots
- trails
- roads

Mapbox:
- points
- lines
- polygons



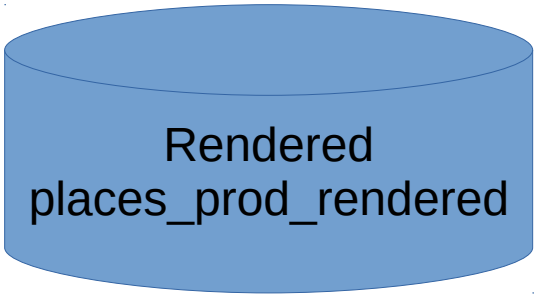
Fork Of:
http://wiki.openstreetmap.org/wiki/Rails_port/Database_schema

Three addition Views:
- pgs_current_node
- pgs_current_way
- pgs_current_relation

pgs_current_node
- id – bigint* – sequential identifier
- lat – integer –the WGS84 latitude * 10000000
- lon – integer –the WGS84 longitude * 10000000
- changeset_id – bigint – which changeset contains this node
- visible – boolean – deleted nodes become “invisible”
- timestamp – timestamp without time zone – timestamp when node was added
- tags – json – object containing node's tags
- version – bigint – each change to a node increments its version
- user_id – bigint – user that created/modified this node

pgs_current_way
- id – bigint* – sequential identifier
- version – bigint – each change to a way increments its version
- visible – boolean – deleted ways become “invisible”
- user_id – bigint – user that created/modified this way
- timestamp – timestamp without time zone – timestamp when way was added
- changeset_id – bigint – which changeset contains this way
- tags – json – object containing way's tags
- nodes – json – object containing which nodes may up this way

pgs_current_relation
- id – bigint* – sequential identifier
- version – bigint – each change to a relation increments its version
- visible – boolean – deleted relations become “invisible”
- user_id – bigint – user that created/modified this way
- timestamp – timestamp without time zone – timestamp when way was added
- changeset_id – bigint – which changeset contains this way
- tags – json – object containing way's tags
- members – json – object containing which nodes/ways may up this relation



Fork of:
http://wiki.openstreetmap.org/wiki/Osm2pgsql/schema

Render Logs:
- render_log
- change_log

NPMap Data:
- tag_list
- validation_tags
- validators
- park_unit_boundaries

render_log: - Contains a log of every external rendering task (ex. CartoDB, Mapbox)
- render_id – bigint* – Sequential identifier for an external render task
- task_name – character varying (255) – Name of the render task
- run_time – timestamp without time zone – The time when this task was run

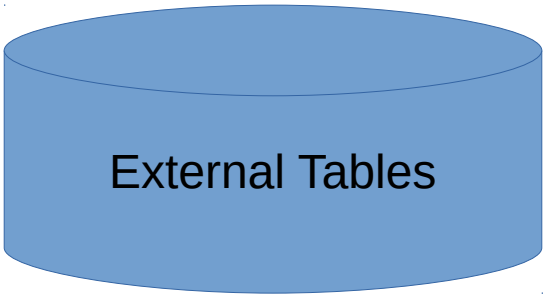
change_log: - Contains a history of every changed element
- osm_id – bigint* - id of the changed element
- version - bigint* - version of the element
- member_type – char(1) – type of element (N)ode, (W)ay, (R)elation
- way – geometry – the rendered geometry of this version of the element
- change_time – timestamp without time zone – the time this element was changed

tag_list: fields will be updated to match iD schema
https://github.com/nationalparkservice/places-editor/blob/master/data/presets/schema/preset.json
- pathname – text* - name of the json config file
- name - text - The English name for the feature
- geometry - text array - Valid geometry types for the feature (["point", "vertex", "line", "area", "relation"])
- tags - json - Tags that must be present for the preset to match
- addtags – json - Tags that are added when changing to the preset (default is the same value as 'tags')
- removetags – json -Tags that are removed when changing to another preset (default is the same value as 'tags')
- fields – text array - Form fields that are displayed for the preset
- icon – text -Name of preset icon which represents this preset
- make=i – text - Custom type used to allow National Park Service Icons (npmaki) along with other maki based libraries
- terms – text array - English synonyms or related terms
- searchable – boolean - Whether or not the preset will be suggested via search, overloaded to describe if the preset is rendered
- matchscore – numeric - The quality score this preset will receive when being compared with other matches (higher is better)

validation_tags:
- key – text* – Key that requires validation
- include_units – text array – units that require this tag to be validated (defaults to all)
- exclude_units – text array – units that do not require this tag (defatuls to none)

validators:
- user_id – bigint* - identifier for the user
- units – text array – units in which this user can validated changes

park_unit_boundaries:
- unit_code – varying character(255)* - Unit code for the park/region/area
- the_geom – geometry – outline of the area



CartoDB Main Tables:
- points_of_interest
- places_lines
- places_polygons

CartoDB "Views":
- buildings
- parking_lots
- trails
- roads

Mapbox:
- points
- lines
- polygons

These tables are flexible, and can change, use the links for the most current version.

CartoDB Main Tables: (points_of_interest / places_polygons / places_lines)
These three tables share the same schema
- cartodb_id – number* – maps to osm_id
- the_geom – e;ement geometry in EPSG:4326
- name – string – field derived from the "name" key
- places_id – string – uuid for the element in places (may be eliminated)
- tags – string – JSON data describing all key/value pairs associated with the element
- type – string – The name field from the associated preset in the **tag_list** table
- unit_code – string The unit_code for the park containing this element
- version – number – the internal version number for this element

CartoDB Views:
These tables are generated from the above tables with sql scripts:
Polygons: **https://github.com/nationalparkservice/cron-tasks/tree/master/tasks/places-sync/sql/cartodb/polygon/views**
Lines: **https://github.com/nationalparkservice/cron-tasks/tree/master/tasks/places-sync/sql/cartodb/line/views**

The three mapbox tables have the same schema:
- osm_id – bigint - identifier for the elemebnt
- name - text - field derived from the "name" key
- type – text - The name field from the associated preset in the **tag_list** table
- the_geom – geometry - element geometry in EPSG:3857
- z_order – integer - order in which the elements should display (lower is better)
- unit_code – text - unit code for the park containing this element
- minzoompoly – integer - the min zoom in which the contaning park is displayed

The lines table has an extra field:
- structure – text – denotes if the line is of the follow types [bridge, tunnel, embankment, cutting, ford]

More Info here:
https://github.com/nationalparkservice/mapbox-studio-projects/blob/master/park_tiles/park_tiles_data_process/tm2_data_queries/nps_places_data.tm2source/data.yml