

#

README

Title: README.md (examples-emdb) Author: jdww Date: 17-Feb-2017 Updated: 19-Feb-2017

Example Files

Example files for the EMDb content request service.

onedep_biocuration_apikey_emdb.jwt	JSON Web Token API Key
request-entry-report.py	Python example for entry-level content request
request-entry-report.sh	CLI example for entry-level content request
request-summary-report.py	Python example for summary report content request
request-summary-report.sh	CLI example for summary report content request

Example Service Content Type Definitions

Example Summary Content Definition

The following JSON snippet describes an example summary content type definition. The content items refer to table and column names in the various OneDep database schema.

```
"report-summary-example-emdb-status": {  
  "content": {  
    "deposition": [  
      "dep_set_id",  
      "pdb_id",  
      "initial_deposition_date",  
      "status_code",  
      "author_release_status_code",  
      "title",  
      "title_emdb",  
      "author_list",
```

```
        "author_list_emdb",
        "exp_method",
        "status_code_exp",
        "emdb_id",
        "status_code_emdb",
        "dep_author_release_status_code_emdb"
    ],
    "em_admin": [
        "entry_id",
        "structure_id",
        "title",
        "map_release_date",
        "deposition_date"
    ]
},
"resource": {
    "deposition": [
        "status",
        "status"
    ],
    "em_admin": [
        "da_internal",
        "da_internal"
    ]
},
"conditions": {
    "deposition": {
        "exp_method": [
            "ELECTRON MICROSCOPY",
            "char",
            "LIKE"
        ]
    }
},
"type": "rdbms"
}
```

Example Entry-level Content Definition

The following JSON snippet describes an example entry-level content type definition. The content items refer to PDBx/mmCIF category and attribute names. This content definition may be applied to data files within both the deposition and biocuration systems, dialects for both EM namespaces are included in this example.

```
"report-entry-example-emdb": {
  "content": {
    "pdbx_database_status": [
      "status_code",
      "author_release_status_code",
      "deposit_site",
      "process_site",
      "recvd_initial_deposition_date",
      "date_of_NDB_release"
    ],
    "entity_poly": [
      "entity_id",
      "type",
      "nstd_linkage",
      "nstd_monomer",
      "pdbx_seq_one_letter_code",
      "pdbx_seq_one_letter_code_can"
    ],
    "emd_admin": [
      "entry_id",
      "current_status",
      "deposition_date",
      "deposition_site",
      "details",
      "map_hold_date",
      "last_update",
      "map_release_date",
      "obsoleted_date",
      "replace_existing_entry_flag",
      "title",
      "header_release_date"
    ],
    "database_2": [
      "database_id",
      "database_code"
    ]
  }
}
```

```
],  
"em_map": [  
  "id",  
  "annotation_details",  
  "axis_order_fast",  
  "axis_order_medium",  
  "axis_order_slow",  
  "cell_a",  
  "cell_alpha",  
  "cell_b",  
  "cell_beta",  
  "cell_c",  
  "cell_gamma",  
  "contour_level",  
  "contour_level_source",  
  "data_type",  
  "dimensions_col",  
  "dimensions_row",  
  "dimensions_sec",  
  "endian_type",  
  "file",  
  "format",  
  "label",  
  "limit_col",  
  "limit_row",  
  "limit_sec",  
  "origin_col",  
  "origin_row",  
  "origin_sec",  
  "partition",  
  "pixel_spacing_x",  
  "pixel_spacing_y",  
  "pixel_spacing_z",  
  "size_kb",  
  "spacing_x",  
  "spacing_y",  
  "spacing_z",  
  "statistics_average",  
  "statistics_maximum",  
]
```

```
    "statistics_minimum",
    "statistics_std",
    "symmetry_space_group",
    "type"
  ],
  "entity": [
    "id",
    "type",
    "src_method",
    "pdbx_description",
    "pdbx_number_of_molecules"
  ],
  "struct": [
    "entry_id",
    "title"
  ],
  "em_admin": [
    "entry_id",
    "current_status",
    "deposition_date",
    "deposition_site",
    "details",
    "map_hold_date",
    "last_update",
    "map_release_date",
    "obsoleted_date",
    "replace_existing_entry_flag",
    "title",
    "header_release_date"
  ],
  "emd_map": [
    "id",
    "contour_level",
    "contour_level_source",
    "annotation_details",
    "file",
    "original_file",
    "label",
    "type",
```

```
"partition",
"format",
"size_kb",
"axis_order_fast",
"axis_order_medium",
"axis_order_slow",
"cell_alpha",
"cell_beta",
"cell_gamma",
"cell_a",
"cell_b",
"cell_c",
"data_type",
"dimensions_col",
"dimensions_row",
"dimensions_sec",
"origin_col",
"origin_row",
"origin_sec",
"limit_col",
"limit_row",
"limit_sec",
"pixel_spacing_x",
"pixel_spacing_y",
"pixel_spacing_z",
"symmetry_space_group",
"spacing_x",
"spacing_y",
"spacing_z",
"statistics_minimum",
"statistics_maximum",
"statistics_average",
"statistics_std",
"endian_type"
],
"audit_author": [
    "name",
    "pdbx_ordinal"
],
```

```
    "pdbx_database_related": [  
      "db_name",  
      "db_id",  
      "content_type"  
    ],  
  },  
  "conditions": {},  
  "type": "entry"  
}
```