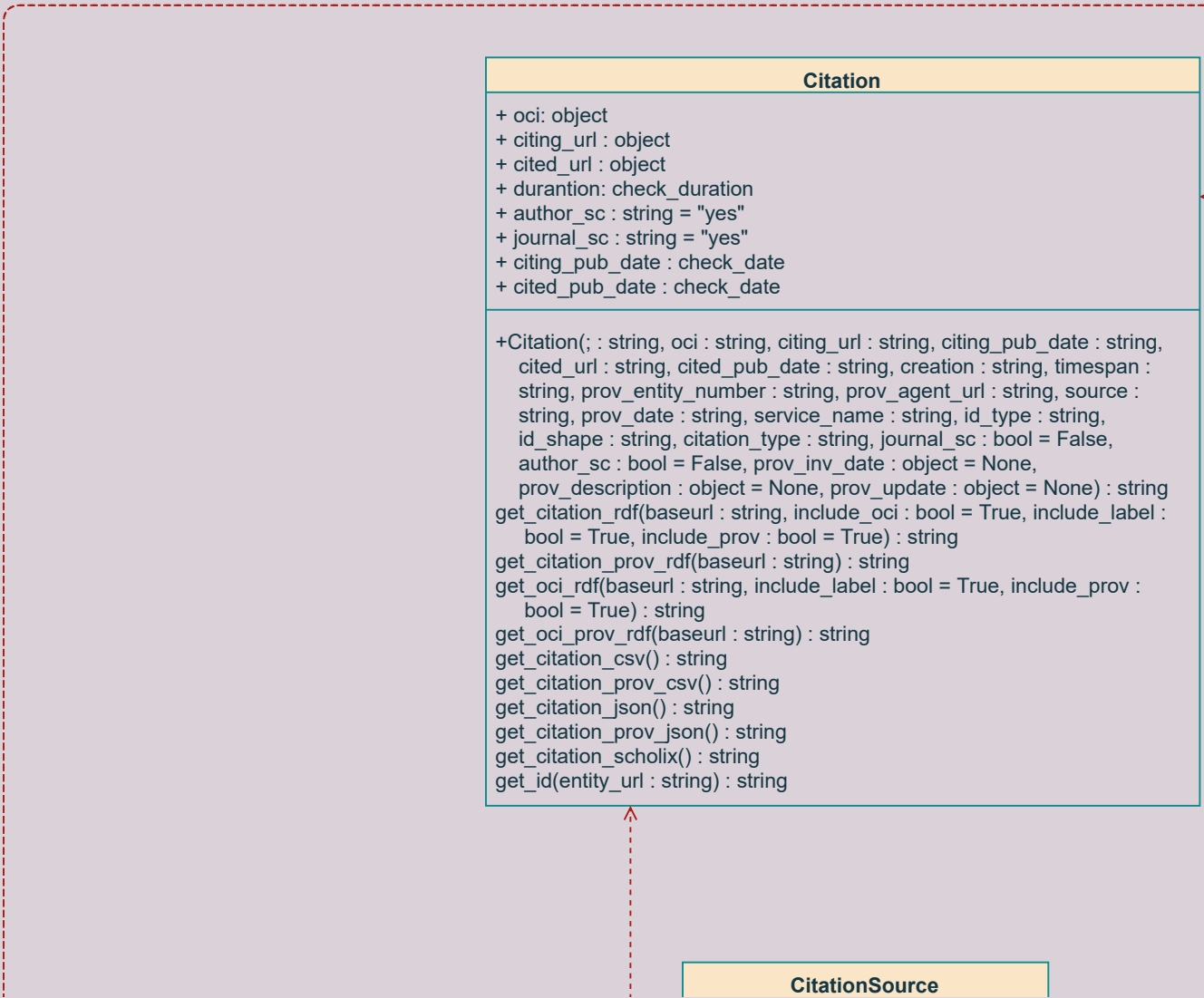
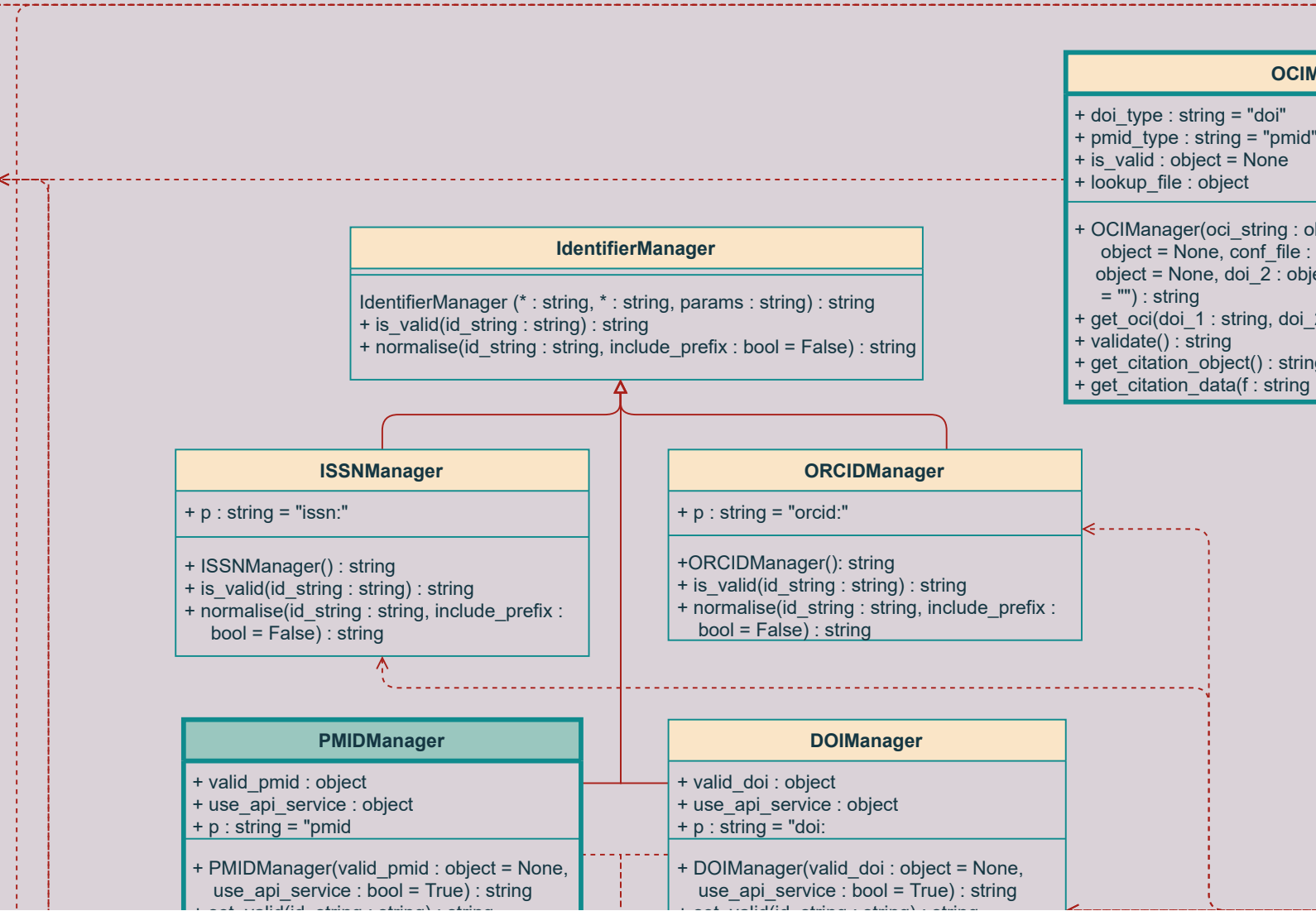
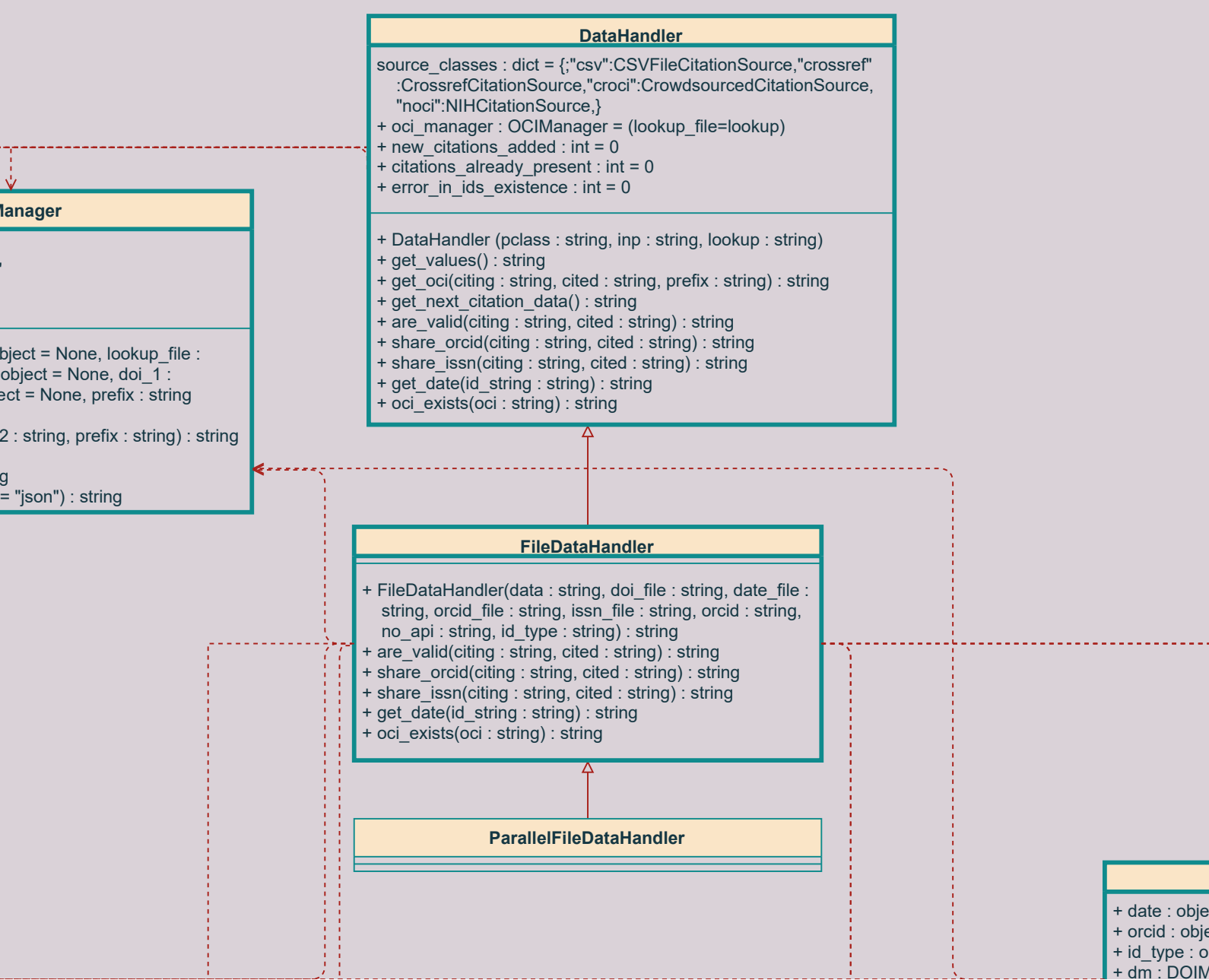
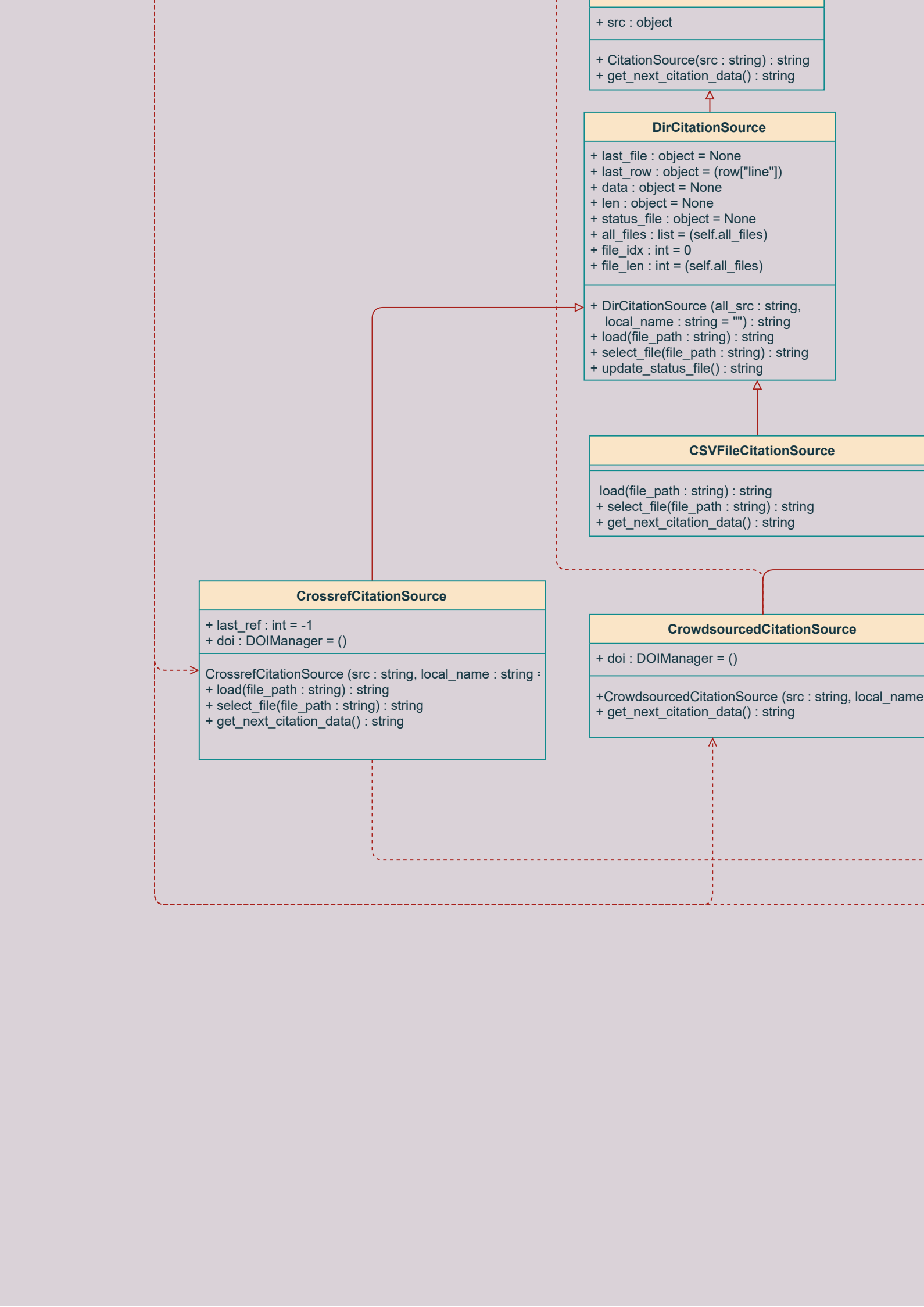
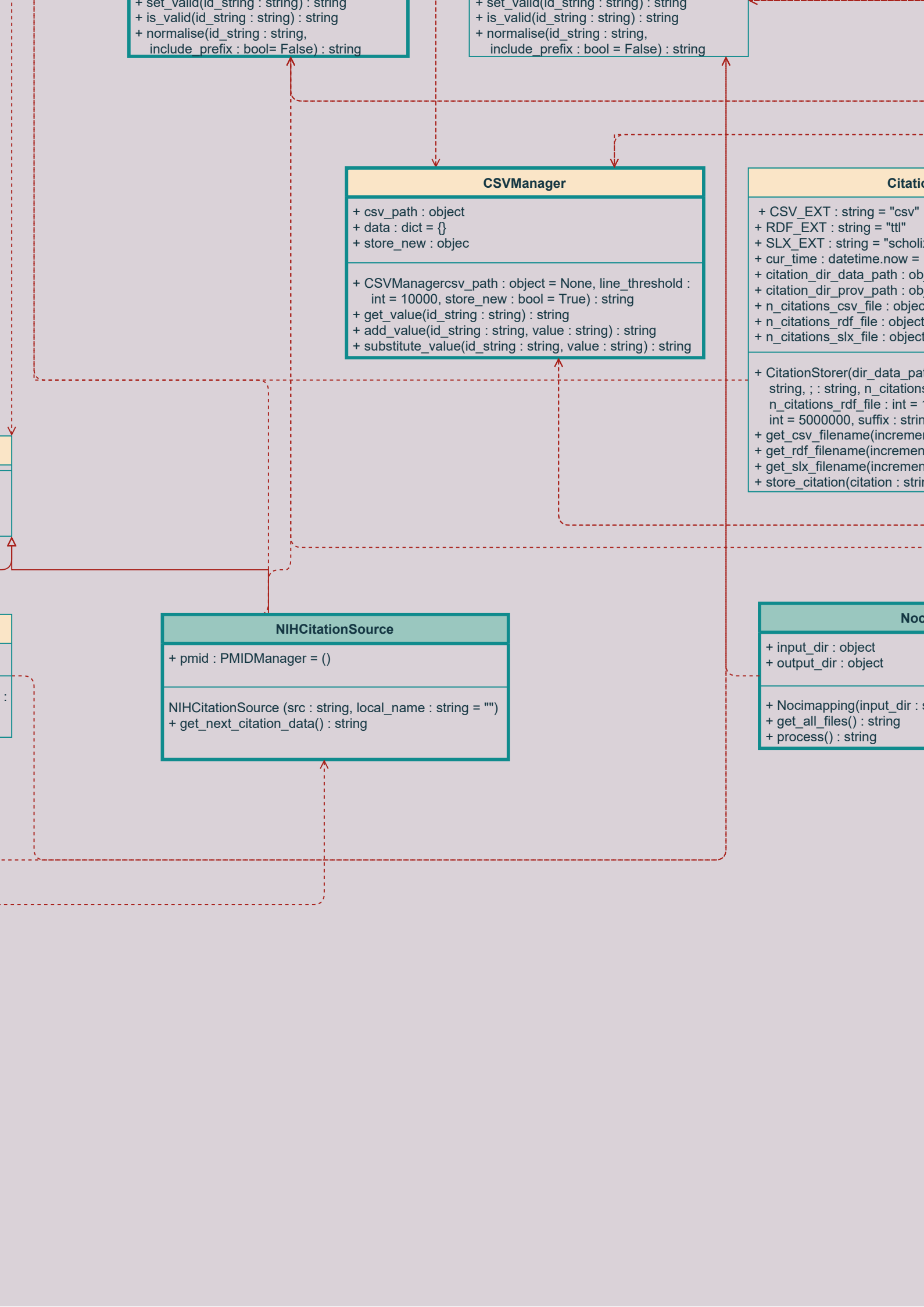

Citation
+ oci: object
+ citing_url : object
+ cited_url : object
+ durantion: check_duration
+ author_sc : string = "yes"
+ journal_sc : string = "yes"
+ citing_pub_date : check_date
+ cited_pub_date : check_date
+Citation(; : string, oci : string, citing_url : string, citing_pub_date : string, cited_url : string, cited_pub_date : string, creation : string, timespan : string, prov_entity_number : string, prov_agent_url : string, source : string, prov_date : string, service_name : string, id_type : string, id_shape : string, citation_type : string, journal_sc : bool = False, author_sc : bool = False, prov_inv_date : object = None, prov_description : object = None, prov_update : object = None) : string
get_citation_rdf(baseurl : string, include_oci : bool = True, include_label : bool = True, include_prov : bool = True) : string
get_citation_prov_rdf(baseurl : string) : string
get_oci_rdf(baseurl : string, include_label : bool = True, include_prov : bool = True) : string
get_oci_prov_rdf(baseurl : string) : string
get_citation_csv() : string
get_citation_prov_csv() : string
get_citation_json() : string
get_citation_prov_json() : string
get_citation_scholix() : string
get_id(entity_url : string) : string
CitationSource

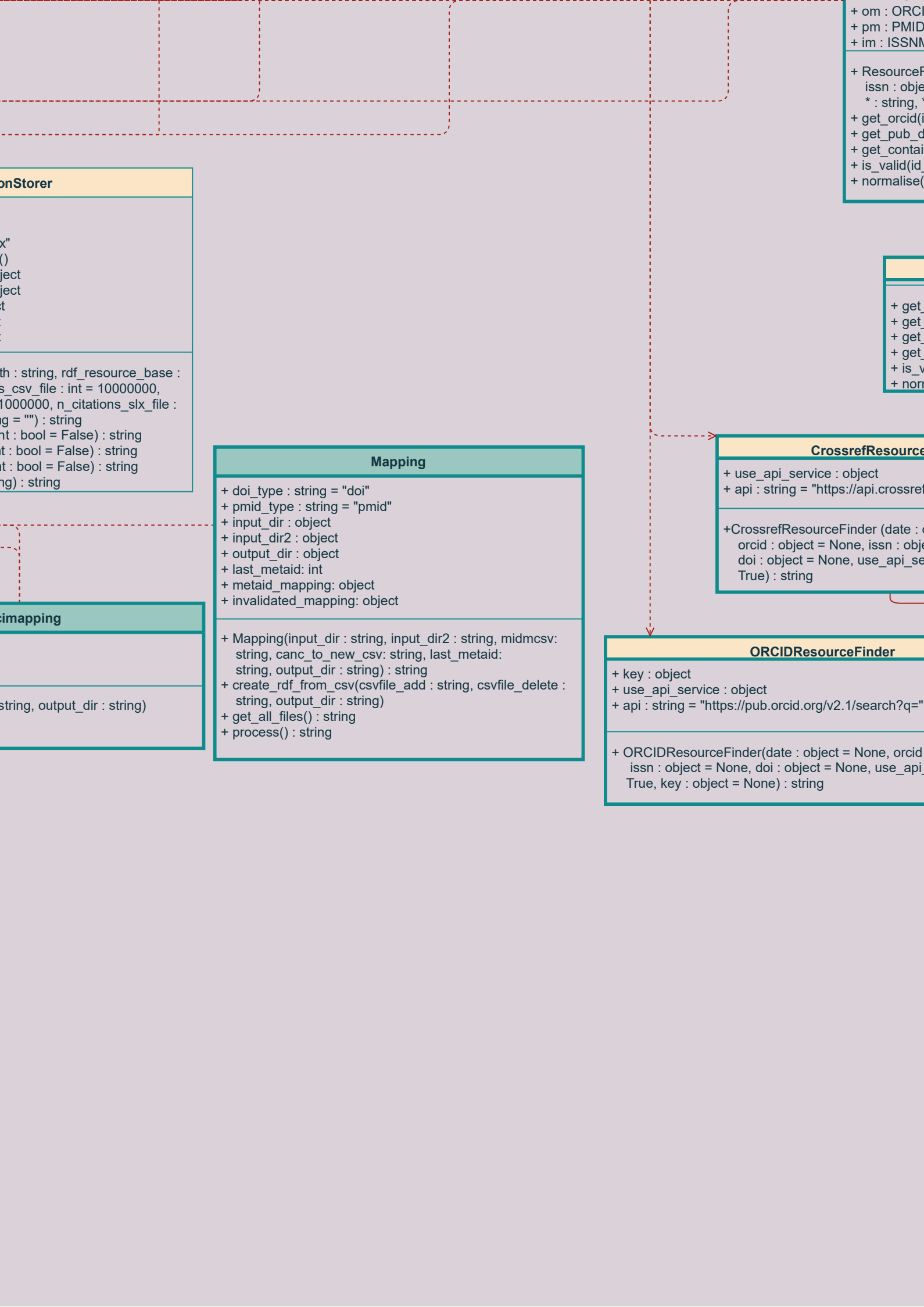

OCIM
+ doi_type : string = "doi"
+ pmid_type : string = "pmid"
+ is_valid : object = None
+ lookup_file : object
+ OCIManager(oci_string : o
object = None, conf_file :
object = None, doi_2 : obj
= "") : string
+ get_oci(doi_1 : string, doi_
+ validate() : string
+ get_citation_object() : strin
+ get_citation_data(f : string
IdentifierManager
IdentifierManager (* : string, * : string, params : string) : string
+ is_valid(id_string : string) : string
+ normalise(id_string : string, include_prefix : bool = False) : string
ISSNManager
+ p : string = "issn:"
+ ISSNManager() : string
+ is_valid(id_string : string) : string
+ normalise(id_string : string, include_prefix : bool = False) : string
ORCIDManager
+ p : string = "orcid:"
+ORCIDManager(): string
+ is_valid(id_string : string) : string
+ normalise(id_string : string, include_prefix : bool = False) : string
PMIDManager
+ valid_pmid : object
+ use_api_service : object
+ p : string = "pmid
+ PMIDManager(valid_pmid : object = None, use_api_service : bool = True) : string
DOIManager
+ valid_doi : object
+ use_api_service : object
+ p : string = "doi:
+ DOIManager(valid_doi : object = None, use_api_service : bool = True) : string

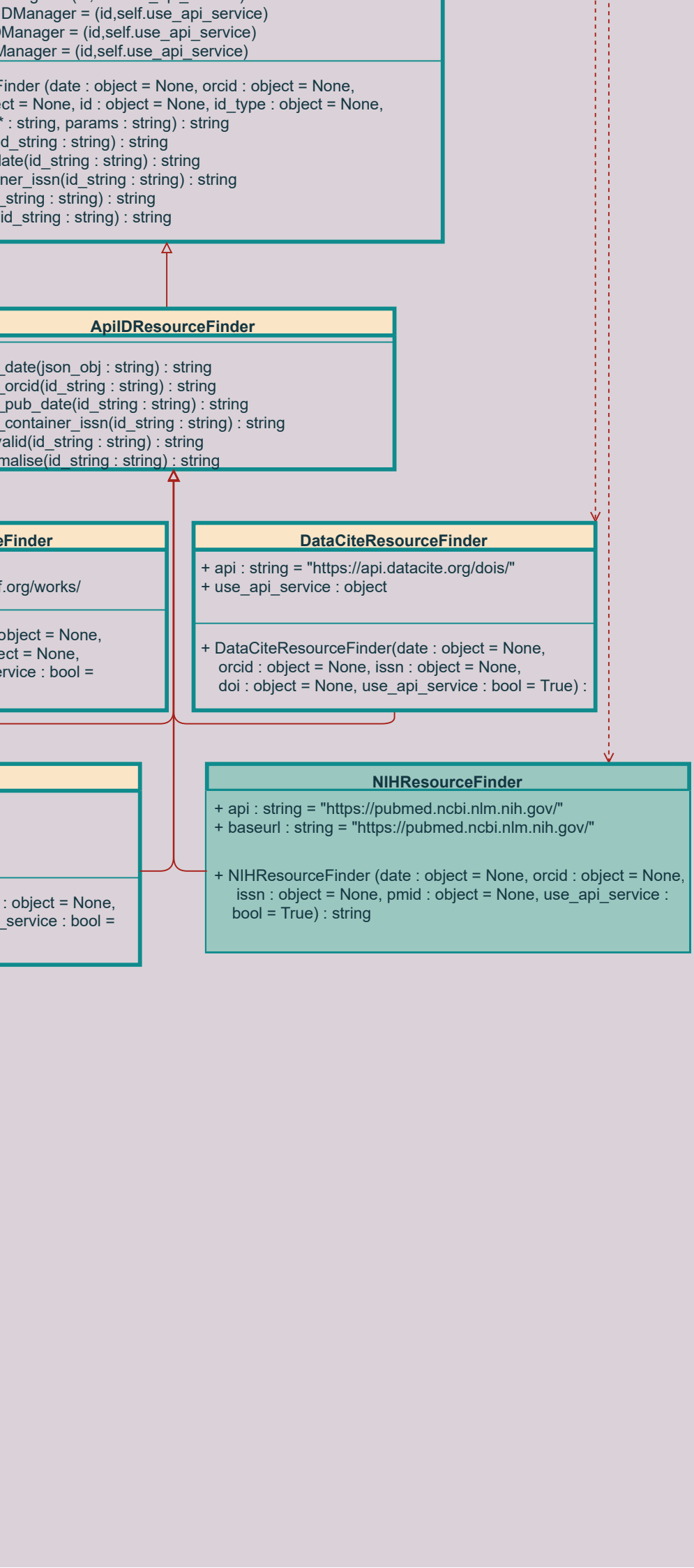

DataHandler
source_classes : dict = {;"csv":CSVFileCitationSource,"crossref"
:CrossrefCitationSource,"croci":CrowdsourcedCitationSource,
"noci":NIHCitationSource,}
+ oci_manager : OCIManager = (lookup_file=lookup)
+ new_citations_added : int = 0
+ citations_already_present : int = 0
+ error_in_ids_existence : int = 0
+ DataHandler (pclass : string, inp : string, lookup : string)
+ get_values() : string
+ get_oci(citing : string, cited : string, prefix : string) : string
+ get_next_citation_data() : string
+ are_valid(citing : string, cited : string) : string
+ share_orcid(citing : string, cited : string) : string
+ share_issn(citing : string, cited : string) : string
+ get_date(id_string : string) : string
+ oci_exists(oci : string) : string
Manager
bject = None, lookup_file :
object = None, doi_1 :
ect = None, prefix : string
2 : string, prefix : string) : string
g
= "json") : string
FileDataHandler
+ FileDataHandler(data : string, doi_file : string, date_file :
string, orcid_file : string, issn_file : string, orcid : string,
no_api : string, id_type : string) : string
+ are_valid(citing : string, cited : string) : string
+ share_orcid(citing : string, cited : string) : string
+ share_issn(citing : string, cited : string) : string
+ get_date(id_string : string) : string
+ oci_exists(oci : string) : string
ParallelFileDataHandler
+ date : obje
+ orcid : obje
+ id_type : o
+ dm : DOIM

ResourceFinder
ct
ect
bject
Manager = (id,self.use_api_service)


+ src : object
+ CitationSource(src : string) : string
+ get_next_citation_data() : string
DirCitationSource
+ last_file : object = None
+ last_row : object = (row["line"])
+ data : object = None
+ len : object = None
+ status_file : object = None
+ all_files : list = (self.all_files)
+ file_idx : int = 0
+ file_len : int = (self.all_files)
+ DirCitationSource (all_src : string,
local_name : string = "") : string
+ load(file_path : string) : string
+ select_file(file_path : string) : string
+ update_status_file() : string
CSVFileCitationSource
load(file_path : string) : string
+ select_file(file_path : string) : string
+ get_next_citation_data() : string
CrossrefCitationSource
+ last_ref : int = -1
+ doi : DOIManager = ()
CrossrefCitationSource (src : string, local_name : string =
+ load(file_path : string) : string
+ select_file(file_path : string) : string
+ get_next_citation_data() : string
CrowdsourcedCitationSource
+ doi : DOIManager = ()
+CrowdsourcedCitationSource (src : string, local_name
+ get_next_citation_data() : string


+ set_valid(id_string : string) : string
+ is_valid(id_string : string) : string
+ normalise(id_string : string,
include_prefix : bool= False) : string
+ set_valid(id_string : string) : string
+ is_valid(id_string : string) : string
+ normalise(id_string : string,
include_prefix : bool = False) : string
CSVManager
+ csv_path : object
+ data : dict = {}
+ store_new : objec
+ CSVManagercsv_path : object = None, line_threshold :
int = 10000, store_new : bool = True) : string
+ get_value(id_string : string) : string
+ add_value(id_string : string, value : string) : string
+ substitute_value(id_string : string, value : string) : string
Citati
+ CSV_EXT : string = "csv"
+ RDF_EXT : string = "ttl"
+ SLX_EXT : string = "scholi
+ cur_time : datetime.now =
+ citation_dir_data_path : ob
+ citation_dir_prov_path : ob
+ n_citations_csv_file : objec
+ n_citations_rdf_file : object
+ n_citations_slx_file : object
+ CitationStorer(dir_data_pa
string, ; : string, n_citations
n_citations_rdf_file : int =
int = 5000000, suffix : strin
+ get_csv_filename(incremen
+ get_rdf_filename(incremen
+ get_slx_filename(incremen
+ store_citation(citation : stri
NIHCitationSource
+ pmid : PMIDManager = ()
NIHCitationSource (src : string, local_name : string = "")
+ get_next_citation_data() : string
Noc
+ input_dir : object
+ output_dir : object
+ Nocimapping(input_dir :
+ get_all_files() : string
+ process() : string


+ om : ORCI
+ pm : PMID
+ im : ISSNM
+ ResourceF
issn : obje
* : string, *
+ get_orcid(i
+ get_pub_d
+ get_contai
+ is_valid(id_
+ normalise(
onStorer
x"
()
ject
ject
t
th : string, rdf_resource_base :
s_csv_file : int = 10000000,
1000000, n_citations_slx_file :
g = "") : string
nt : bool = False) : string
t : bool = False) : string
t : bool = False) : string
ng) : string
+ get_
+ get_
+ get_
+ get_
+ is_v
+ nor
Mapping
+ doi_type : string = "doi"
+ pmid_type : string = "pmid"
+ input_dir : object
+ input_dir2 : object
+ output_dir : object
+ last_metaid: int
+ metaid_mapping: object
+ invalidated_mapping: object
+ Mapping(input_dir : string, input_dir2 : string, midmcsv:
string, canc_to_new_csv: string, last_metaid:
string, output_dir : string) : string
+ create_rdf_from_csv(csvfile_add : string, csvfile_delete :
string, output_dir : string)
+ get_all_files() : string
+ process() : string
CrossrefResource
+ use_api_service : object
+ api : string = "https://api.crossref
+CrossrefResourceFinder (date :
orcid : object = None, issn : obj
doi : object = None, use_api_se
True) : string
cimapping
string, output_dir : string)
ORCIDResourceFinder
+ key : object
+ use_api_service : object
+ api : string = "https://pub.orcid.org/v2.1/search?q="
+ ORCIDResourceFinder(date : object = None, orcid
issn : object = None, doi : object = None, use_api_
True, key : object = None) : string


DManager = (id,self.use_api_service)
Manager = (id,self.use_api_service)
Manager = (id,self.use_api_service)
Finder (date : object = None, orcid : object = None,
ct = None, id : object = None, id_type : object = None,
* : string, params : string) : string
d_string : string) : string
late(id_string : string) : string
ner_issn(id_string : string) : string
_string : string) : string
id_string : string) : string
ApiIDResourceFinder
_date(json_obj : string) : string
_orcid(id_string : string) : string
_pub_date(id_string : string) : string
_container_issn(id_string : string) : string
valid(id_string : string) : string
malise(id_string : string) : string
eFinder
f.org/works/
object = None,
ect = None,
ervice : bool =
DataCiteResourceFinder
+ api : string = "https://api.datacite.org/dois/"
+ use_api_service : object
+ DataCiteResourceFinder(date : object = None,
orcid : object = None, issn : object = None,
doi : object = None, use_api_service : bool = True) :
: object = None,
_service : bool =
NIHResourceFinder
+ api : string = "https://pubmed.ncbi.nlm.nih.gov/"
+ baseurl : string = "https://pubmed.ncbi.nlm.nih.gov/"
+ NIHResourceFinder (date : object = None, orcid : object = None,
issn : object = None, pmid : object = None, use_api_service :
bool = True) : string