pyiiif Documentation

Release 0.1.0

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Jan 08, 2020

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CHAPTER 1

Introduction

pyiiif is a library for working with

It provides a pythonic interface to generating IIIF Presentation API records. The purpose is to reduce the amount of typing required and reduce amount of errors in creating large numbers of IIIF records.

A person with a nominal amount of programming experience can create a IIIF record by simply typing the following:

And, you have a properly formatted IIIF Manifest record with the correct @context, @type and @id attributes as well as a a label and a description. The sequence list will be empty for now. From here, you just need to write the string into a dicitonary

CHAPTER 2

Auto Docs

pyiif: Library code for working with the IIIF specifications

pyiiif.utils.**convert_context_url_into_lookup**(*a_url*)
tries to look up a IIIF context url in the key value of the valid_contexts dict

If cannot find the url will return None else will return the right key for defining a context value on a record

:rtype None or str

pyiiif.utils.**escape_identifier**(*identifier*)
Escapes a string identifier for inclusion in a URL

Parameters **identifier** (*str*) – The identifier to escape

Return type str

Returns The identifier, escaped

pyiiif.utils.**unescape_identifier**(*identifier*)
Unescapes a string escaped by *escape_identifier()*

Parameters **identifier** (*str*) – The escaped identifier

Return type str

Returns The identifier, unescaped

exception pyiiif.exceptions.**ParameterError**
Raised when a IIIF Image API Parameter is incorrect

__init__
Initialize self. See help(type(self)) for accurate signature.

with_traceback()
Exception.with_traceback(tb) – set self.__traceback__ to tb and return self.

CHAPTER 3

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