Isogeo - DOCX Exporter Documentation

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Isogeo

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Contents:

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Source code https://github.com/isogeo/export-docx-py/

Issues https://github.com/isogeo/export-docx-py/issues

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CHAPTER 1

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1.1 Package modules

1.1.1 isogeotodocx

isogeotodocx package

This package is used to export Isogeo metadata into Excel workbooks usng the Isogeo Python SDK and DocxTpl (feat. Python Docx).

Subpackages

isogeotodocx.utils package

Submodules

isogeotodocx.utils.formatter module

class isogeotodocx.utils.formatter.**Formatter**(*lang='FR'*)

Bases: object

Metadata formatter to avoid repeat operations on metadata during export in different formats.

Parameters **lang** (*str*) – selected language

clean_xml(*invalid_xml: str*, *mode: str = 'soft'*, *substitute: str = '_'*)
Clean string of XML invalid characters.

source: https://stackoverflow.com/a/13322581/2556577

Parameters

- **invalid_xml** (*str*) – xml string to clean
- **substitute** (*str*) – character to use for subtistution of special chars
- **modeaccents** (*str*) – mode to apply. Available options:
  - soft [default]: remove chars which are not accepted in XML
  - strict: remove additional chars

conditions(*md_conditions: list*) → list
Render input metadata CGUs as a new list.

Parameters **md_conditions** (*list*) – input list extracted from an Isogeo metadata

Return type tuple(dict)

limitations(*md_limitations: list*) → list
Format input metadata limitations as a tuple of 2 tuples of dictionaries, ready to be exported: one with limitations related to INSPIRE, one with other limitations.

Parameters **md_limitations** (*list*) – input list of metadata limitations

Return type tuple(tuple(dict), tuple(dict))

specifications(*md_specifications: list*) → list
Render input metadata specifications (conformity + specification) as a new list.

Parameters **md_specifications** (*list*) – input dictionary extracted from an Isogeo metadata

Return type tuple(dict)

Submodules

isogeotodocx.isogeo2docx module

Get metadatas from Isogeo and dump each into a Word document.

class isogeotodocx.isogeo2docx.**Isogeo2docx**(*lang='FR'*, *thumbnails: dict = None*, *url_base_edit: str = 'https://app.isogeo.com'*, *url_base_view: str = 'https://open.isogeo.com'*)

Bases: object

IsogeoToDocx class.

Parameters

- **lang** (*str*) – selected language for output
- **thumbnails** (*dict*) – dictionary of metadatas associated to an image path
- **url_base_edit** (*str*) – base url to format edit links (basically app.isogeo.com)
- **url_base_view** (*str*) – base url to format view links (basically open.isogeo.com)

md2docx(*docx_template: docxtpl.DocxTemplate*, *md: isogeo_pysdk.models.metadata.Metadata*, *share: isogeo_pysdk.models.share.Share = None*)

Dump Isogeo metadata into a docx template.

Parameters

- **docx_template** (*DocxTemplate*) – Word template to fill
- **metadata** (*Metadata*) – metadata to dumpinto the template
- **share** (*Share*) – share in which the metadata is. Used to build the view URL.

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