api-to-roefact by RENware Software Systems

- CHANGELOG 0.1.7.dev
  - 0.1.7 xl2roefact.RDINV invoice items & metadata (231126 h05:00)

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0.1.7 `xl2roefact.RDINV` invoice items & metadata (231126 h05:00)

- **left OPEN ISSUES in this release** [piu@231126: marked on todo plan of `0.1.8` version]
  - ✅ (CLOSED@231213) *file* `xl2roefact/rdinv.py`, *function* `__mk_kv_invoice_items_area(...):` `FIXME this will be identified in` invoice_header_area `==> should be changed accordingly`
  - ⊘ --> *file* `xl2roefact\invoice_files/_PLAN_model_test_factura_generat_anaf.xml`, *line 114:* `<cbc:ID>S</cbc:ID> #FIXME clarify.me_ pare a fi TIPUL PRODUSULUI: (S)erviciu sau ??? (P)rodus sau ???`
- 231126piu_a item(s) line extensions == item VAT total, item VALUE total
- 231125piu_c changed dir `excel_invoices/` with `invoice_files/`
- 231125piu_b make a plan from `__model_test_factura_generat_anaf.xml` marking TODOs & DONE tags & renaming as `_PLAN_...idem...`
- 231125piu_a final review, complete find of invoice relevant columns and write them in `invoice` dict:
  - quantity (cbc:InvoicedQuantity),
  - VAT percent (cbc:Percent),
  - description (cbc:Name),
  - uom (cbc:unitCode),
  - unit price (cbc:PriceAmount),
  - currency (c:currencyID)
- 231224piu_a FIXED VAT calculation for lines which specify a VAT as 0% - USE CASE lines for other taxes like "acciza"... - still unsolved for very simplified invoices (see code line containing text "`_vat_percent` calculation should also")
- 231123piu_c `rdinv` module, defined function `libutils.isnumber(a_string: str) -> bool` to test is a string is valid as any kind of number
- 231123piu_b `rdinv` module, function to search for a list of string in a list items (suitable to identify useful / relevant invoice columns from Excel format) ==> `__find_str_in_list(str_to_find: str, list_to_search: list)`

- 231123piu_a prepared function `__mk_kv_invoice_items_area(...)` to transform `invoice_items_area` in "canonical JSON format" (as kv pairs)

- 231122piu_a `invoice_items_area` & `meta_info` review, check and clean code

- 231121piu_a final `invoice` dict / JSON data: moved all effective data under key `"excel_data"` (preparing so for final storable invoice "real keys")

- 231119piu_b `invoice_items_area` set unknown rows header to `<current line number>.NOTE-<seq>`, where `seq` is an ordered sequence of letters (ie, resulting something like: `1.a`, `1.b`, `...`) * 231119piu_a closed:

  - ✅ invoice `meta_info` area

  - ✅ a more defined, clean & clear `invoice_items_area`

  - ✅ add `last_processing_UTCtime` in `meta_info` dictionary

  - ✅ written `invoice` dict to a JSON (`f-JSON` file, see doc: https://apitoroefact.renware.eu/commercial_agreement/110-SRE-api_to_roefact_requirements.html#vedere-de-ansamblu-a-solutiei)

- 231112piu_a refactor:

  - ✅ `base_proc` to `xl2roefact`

  - ✅ `BASE_PROC` to `xl2roefact`

  - ✅ update documentation

  - ✅ publish site

- 231109piu_a installed module `pylightxl` in base environment (ie, in project root) to allow modules calling from root for future web components & updated requirements.txt

- 231108piu_f RDINV (`rdinv.py`) secure for "unwanted crashes" errors (missing info) & clean code

- 2811080iu_e install `mkdocstrings` , update `mkdocs.yml` and create a markdown document for xl2roefact component (did) not succeeded search for 'FIXME temporary disabled because errs' ...longer_string_...

- 231108piu_d documented that `XLSX` is the only Excel file format supported (in `110-SRE-api_to_roefact_requirements.md`) & published site

- 231108piu_c xl2roefact (`xl2roefact.py`) transformed in class & parametrized worksheet name containing invoice ==> **class BaseProc()**

- 231108piu_b RDINV (`rdinv.py`) module set directories environment & open invoice

- 231108piu_a consolidate decomposition (from `231107piu_c`) ==> directory `.../xl2roefact/modules/`

- 231107piu_c transform decomposition (from `231107piu_b`) into complete Python modules (making directories for each)

- 231107piu_b created module files according to decomposition (specs doc `110-SRE-api_to_roefact_requirements.md`)

- 230107piu_a made a first DRAFT runnable CLI program with `Typer` (`https://typer.tiangolo.com/`) from `xls2xml.py` ==> `dist/xls2xml.exe`

Last update: March 6, 2024