

## api-to-roefact by RENware Software Systems

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  - [0.1.7 xl2roefact.RDINV invoice items & metadata \(231126 h05:00\)](#)

## CHANGELOG 0.1.7.dev

### 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)roduct 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 if 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](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: February 18, 2024