RENware Software Systems

INVOICEtoROefact Project

- CHANGELOG
  - 0.1 -#TODO wip...
    - #TODO_PLAN_TODO... xl2roefact.RDINV ???-[invoice issue date, invoice owner & partner?] (...)
  - [ ] INVOICE TEMPLATE (excel_invoice_template/ directory), doc README_excel_invoice_rules.md first ref "Cum sa utilizeti sablonul, reguli de urmat in completarea datelor"
  - * [ ] 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 ???
  - * [ ] publish xl2roefact package --> read TODO_packaging.md
    - #NOTE_nxt... 0.1.22.dev invoice customer address optional items (email, reg-com, phone) (...yymmdd hh:mm...)
    - #NOTE_wip... 0.1.21.dev rollout news in system portal invoicetoroefact.renware.eu (...yymmdd hh:mm...)
    - 0.1.20.dev invoice customer address (240123 h10:00)
    - 0.1.19.dev invoice customer and partial invoice total values calculations (240116 h06:00)
    - 0.1.18.dev invoice customer CUI partial invoice total values calculations (240105 h08:00)
    - 0.1.17.dev fixed all application & package running standard ways (231224 h05:30)
    - 0.1.16.dev improving Excel kv-data search with "IN-LABEL" method (231222 h07:00)
    - 0.1.15 updated solution portal http://invoicetoroefact.renware.eu/ (231222 h05:00)
    - 0.1.14.dev invoice issue date (231217 h07:00)
- Archived CHANGELOGs
- Release Notes #TODO this file should be created

CHANGELOG

- For version code structure meaning see SDEVEN methodology document
- with *(F)* are marked those changes that are features in order to be copied in a RELNOTE file and with *(B)* bug fixes from versions released
- publishing is made under `publishing` branch
- `<PROJECT ROOT>/doc_src/` is the default starting location in a file path (if not clear from context) (**ATTN** - in production environment is `docs/`)

- `<WEB_ROOT>/` is the HTTP server root directory, as default `docs/` and supposed if no other parent is specified

0.1 -#TODO wip...

- ---[#TODO short planning board]--
- ai un exemplu complet si complet agnostic (trimis Gigi) de factura format XML si PDF tiparit ca sa faci: (1) incarcare XML (2) geenrare PDF (3) compararea variantelor si identificarea schemei XSD + document specificatii ANAF ref sistemul E-Factura (PDF trimis Liviu)
- -#NOTE link Swagger servicii web: `https://mfinante.gov.ro/web/efactura/informatii-tehnice`
- -#NOTE link specif API incarcare fact:
  `https://mfinante.gov.ro/static/10/eFactura/upload.html#/EFacturaUpload/handleRequest`

#TODO_PLAN_TODO... `xl2roefact.RDINV` ???-[invoice issue date, invoice owner & partner?] (...)

- ✓ update documentation for:
  - ✓ `rdinv` module
  - ✓ `xl2roefact` CLI application (to generate it with Typer-CLI if meanwhile is updated to work with `Typer >= 0.9`

  - [ ] INVOICE TEMPLATE (`excel_invoice_template/` directory), doc `README_excel_invoice_rules.md` first ref "Cum sa utilizeti sablonul, reguli de urmat in completarea datelor"

- left OPEN ISSUES on: `0.1.7` release (and drop them when fixed)

  * [ ] *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 ???`

- ... FUTURE NEW APP COMMANDS :
  - `config` - set `config_settings.py` variables (make it INTERACTIVELY using `Rich prompt`)
  - `xl2json` - crt_wip... (last upd @ 240123)
  - `json2xml` - see module WRXML,
  - `json2pdf` - new tbd..,

- `xml2roefact` - see mpdule LDXML
- chk for other commands from doc `https://apitoroefact.renware.eu/commercial_agreement/110-SRE-api_to_roefact_requirements.html#componenta-xl2roefact`
- PACKAGE SOLUTION:

  > * [ ] publish `xl2roefact` package --> read `TODO_packaging.md`

- -#NOTE_PLAN `rdinv` module:
  - invoice header
    - ✓ wip... invoice header - customer bank, RegCom, email, tel, ...
    - ✓ invoice header - supplier (`<cac:AccountingSupplierParty>`)
    - ✓ invoice grand totals (there was left a comment ref whole XML structure in rdinv(), line # ~ where build & write "Invoice" key)

#NOTE_nxt... 0.1.22.dev invoice customer address optional items (email, reg-com, phone) (...yymmdd hh:mm...)

- TODO:_ASAP after 0.1.19 consider **0.1.0** where to update main portal doc and change:
  - all `APItoROefact` ==> **`xl2roefact`** cu inteles de **`Excel invoices and RO eFact`**
  - portal main navigation: link to GitHub Issues refined for 2 entries: *bugs* & *suport si documentatie utilizare*
- tbd... WHEN RELEASE UPDATE make a full chk / review for FIXME & run `pdm build_all`
- tbd.optional... [piu_240126] left in `setup.py` comments & example ref how to pre-set MSI build meta information / parameters (obj: default target dir where install, path registration, ...)
- tbd... invoice customer search for other keys: "reg com", "bank / IBAN / cont", "tel", "email" (start in `rdinv()` w./line 179 & then 331)

#NOTE_wip... 0.1.21.dev rollout news in system portal invoicetoroefact.renware.eu (...yymmdd hh:mm...)

- tbd... `xl2roefact PyPi` component, EXPLAIN THAT IT IS part of and described in `xl2roefact` CLI component published on PyPi
- 240130piu_b reviewed all changes, update site PDF generator file (mvd `print_page.md` to root) location, fixed navigation. PUBLISHED for `xl2roefact` component
- 240130piu_a reviewed `xl2roefact` README: cleaned, translated 2 RO, structured to "end user needs"
- 240129piu_d updated `xl2roefact` to have "Descrierea detliata" link in `810.05a-system_components.md`). Prepared component to be published: mkdocs.yml navigation & main site README index

- 240129piu_c updated all site pages to contain `<small>**RENware Software Systems**</small>` & `[TOC]` after title

- 240129piu_b cleanup project docs, requirements, fresh install ==> published site as is at this point (invoice template finished)

- 240129piu_a updated `xl2roefact/README.md` with section for assets download

- 240128piu_e formal versioning `invoice template` component

- 240128piu_d updated & closed component `invoice template`. Referred in:

  - `doc_src/810-DSGN/810.05a-system_components.md`

  - portal first page

  - navigation in `mkdocs.yml`

- 240128piu_c moved `xl2roefact/excel_invoice_template/` directory to root as being distinct component, review it and closed to be published

- 240128piu_b revised, updated and closed crt version of `excel_invoice_template/README.md`

- 240128piu_a updated `xl2roefact/README.md` & `excel_invoice_template/README.md` files, cleared modularization & structure presented in system public site

- 240127piu_d Unify main project `/READMEmd` with `doc_src/index.md`:

  - make the same INDEX just in the project root == index / README of whole project

  - keep from actual project README.md the section ref project identification and move it to end of file as last section

- 240127piu_c created `/index.html` to redirect to "real" system index (`doc_src/index.md`) and prevent usage of project `README.md` file instead

- 240128piu_c checked work `240127piu_a`, `240127piu_b`, updated `about.md` and navigation with ref to sys structure (`.../810.05a-system_components.md`)

- 240127piu_b update system components and their classification (in `.../810-DSGN/810.05a-system_components.md`)

- 240127piu_a updated `810-DSGN/810.05a-system_components.md`, defined a classification usable to quickly find out *who-does-what*

- 240125piu_a updated `mkdocs.yml` by including `mkdocs-same-dir` plug-in

0.1.20.dev invoice customer address (240123 h10:00)

- 240123piu_b make a full chk / review for FIXME & run `pdm build_all`

- 240123piu_a `def_inv_dir` issue ref Excel invoices default get directory, see comments in `app_cli.py` function `xl2json(...)`

- 240121piu_a updated `config_settings.py` & `rdinv.py` with constants: `PATTERN_FOR_PARTNER_REGCOM`, `PATTERN_FOR_PARTNER_IBAN`, `PATTERN_FOR_PARTNER_TEL`, `PATTERN_FOR_PARTNER_EMAIL`, `PATTERN_FOR_PARTNER_BANK`

- @CANCELED 240118_admin02 generalize a function `get_partner_info(partner_type: str "customer" | "supplier")` to get partner info with partner type as being parameter
- 240118piu_a reviewed and cleaned code: `rdinv.rdinv()`, `config_settings`, `excel_invoice_template/invoice_template_CU_tva.xlsx` (according to updates in testing used invoice)
- 240113piu_a to find `cac:PostalAddress` and write to:
  - ✅ 1. right set position of key `"cac_PostalAddress"` in basic structure (invoice_header_area)
  - ✅ 2a. find excel area ref customer address (...invoice_header_area...)
  - ✅ 2b. disseminate & save excel original area (...invoice_header_area...)
  - ✅ 3. get & set `["Invoice"]["cac_PostalAddress"]` and all is subsequent keys
  - ✅ 4. update XML - JSON map for item "under" `cac_PostalAddress`
  - ✅ 5. defined and included for use `DEFAULT_SUPPLIER_COUNTRY` and `DEFAULT_CUSTOMER_COUNTRY` both for "RO". Detailed desc and usage in `config_settings.py` & `rdinv.rdinv(...)`
  - ✅ 6. updated invoice template for country explicit field
- 240116_admin_01 upd **version** for 0.1.20

0.1.19.dev invoice customer and partial invoice total values calculations (240116 h06:00)

- 2401_xl2roefact_doc_01 `xl2roefact` update technical documentation, file `xl2roefact/doc/810.05a-xl2roefact_component.md`
- 240112piu_b 95% clean code `rdinv()` from customer area identification, from line 204 (kept a DBG print just for area identification (useful for next task ref the same opers but for Supplier))
- 240112piu_a module `app_cli.py`, created `called_when_no_command(...)` function called when no command is invoked and to provide only application version (for external users to test it!)
- 240110piu_c `xl2json` `about` command to get version & "nice" LOGO from `xl2roefact/__version__.py`, vars `__version__` & `__doc__`
- 240110piu_b `xl2roefact/setup.py` ref get app version from file when build EXE/MSI test for `__version__` is correctly get and release
- 240110piu.a reviewed & updated `xl2roefact` package `README.md` + `xl2roefact/__version__.py` with an app logo and for text mistyping bugs
- 240108piu_c changed `pyproject.toml` for auto update package version from file `xl2roefact/__version__.py` (see also opiss 240108piu_b)
- 240108piu_b created `xl2roefact/__version__` file that contains variable `__version__` with INTENTION to use in `pyproject.toml` for app version key (in a future issue)
- 240108piu_a more items:
  - `config_settings.py` created entry `PATTERN_FOR_PARTNER_ADDRESS` & updated `rdinv` module in constants area
  - add comments in `app_cli.py` ref `def_inv_dir` issue &&...

- updated environment dependencies and installed `pyinstaller` development package with intention to make "single EXE" application to be able to run "from USB stick"
- 240107piu_a reviewed `xl2roefact` package `README.md` :
  - (c) explained proposed & promoted directory structure used by CLI application
  - (b) short invoice JSON file structure
  - (a) created first version of tutorial section
- 240106piu_a invoice customer search and persist for "RegistrationName"

0.1.18.dev invoice customer CUI partial invoice total values calculations (240105 h08:00)

- 240105piu_c updated `xl2roefact` package `README.md` file (with new sections for intro to Excel invoice content rules, tutorial TODO, reference to technical doc)
- 240105piu_b invoice customer search and persist for "CUI"
- 240105piu_a `rdinv.def get_excel_data_at_label(...)` changed strategy for DOWN search-method made it optional with default True (useful for Partners set-of KVs where is supposed to be or IN-LABEL or in RIGHT but NOT DOWN because there is a list of KVs not just one placed anywhere in Excel doc) #TODO tgis is subject of doc update
- 240103piu_d `rdinv.def get_excel_data_at_label(...)` changed strategy for IN-LABEL search-method to return all string except first word (supposed to be label) separated by space character (old strategy was to get only last work from all string)
- 240103piu_c ref invoice customer created in `config_settings.py` PATTERNs for search keys `PATTERN_FOR_PARTNER_ID` (CUI or ID), `PATTERN_FOR_PARTNER_LEGAL_NAME`
- 240103piu_b calculated item lines VAT amount as `cac_InvoiceLine.LineVatAmmount` as raw float value (not rounded to be able to round just invoice TOTAL)
- 240103piu_a `rdinv.rdinv()` updated JSON -- XML map (part of function `_build_meta_info_key(...)`)
- 240102piu_a `rdinv.rdinv()` upd & improved a clear Customer specific XML compliant structure. Targeted this XML structure:

```
<cac:PartyLegalEntity>
    <cbc:RegistrationName>IORDANESCU PETRE PFA</cbc:RegistrationName>
    <cbc:CompanyID>21986376</cbc:CompanyID>
</cac:PartyLegalEntity>
```

- 240101piu_a clean useless & obsolete project files, test new full build (MSI, Python wheel, documentation) ==> PASS OK
- 231229piu_a invoice customer (`<cac:AccountingCustomerParty>`) detect & set area to search for specific keys (like CUI, RegCom, IBAN, ...)
  - ✅ 1. established AREA TO SEARCH for PARTNER data an `_area_to_search` (~line 244)

- ✅ 2. updated `config_settings.py` changed: (for a clear understating of constant scope, because will follow others for specific keys like: "reg com", "CUI", "bank / IBAN / cont", ...)

    - `PATTERN_FOR_INVOICE_CUSTOMER_LABEL` --> `PATTERN_FOR_INVOICE_CUSTOMER_SUBTABLE_MARKER`

    - `PATTERN_FOR_INVOICE_SUPPLIER_LABEL` --> `PATTERN_FOR_INVOICE_SUPPLIER_SUBTABLE_MARKER`

- ✅ 3. set-persist `_area_to_search` for next steps & save its key-info in associated invoice JSON (for further references) - `rdinv()` ~line 239

- ✅ 4. updated main xl2roefact README.md document ref latter changes and app structuring, concepts, ... (ideas evolving :)...

- ✅ 5. done code for `cac_AccountingSupplierParty` key by iterating full `invoice_header_area["customer_area"]` structure

- 231228piu_a improved documentation generation:

    - ✅ updated all modules docstring(s) to a right markdown representation in generated documentation (ex: when use bullets THEN DO NOT indent at 1st level)

    - ✅ **@IMP_NOTE:** Changed generated documentation file to `doc/810.05a-xl2roefact_DLD_specs.md` and referred in main `doc/810.05a-xl2roefact_component.md` as this being a final solution for whole project documentation (that generated with `mkdocs`)

    - ✅ updated `pyproject.toml, [tool.pdm.scripts]` table with new generated doc file name (810.05a-xl2roefact_DLD_specs.md)

- 231227piu_b updated `xl2roefact.rdinv` module ref dropped `_` chars from internal function names to allow doc generation by PyDoc until will produce a YAML file for PyDoc generator (where will be able to specify concrete list of objects regarding their names)

- 231227piu_a generated a first draft of markdown documentation:

    - ✅ used Pydoc Markdown @ `https://niklasrosenstein.github.io/pydoc-markdown/usage/yaml/#yaml-example`

    - ✅ results ==> `<PJ_ROOT>/xl2roefact/doc/generated_810.05a-xl2roefact_component.md`

    - ✅ created PDM shell command `pdm run` (command just for quick remembers: `pydoc-markdown -I xl2roefact --render-toc >doc/generated_810.05a-xl2roefact_component.md`)

- 231226piu_b reviewed `xl2roefact` all "in use" code and updated `docstrings`

- 231226piu_a made some useful PDM scripts (ref `pyproject.toml`, table section `[tool.pdm.scripts]`) like build commands for:

    - ✅ `pdm build_wheel` Python package,

    - ✅ `pdm build_msi` MSI package,

    - ✅ `pdm build_all` build all packages

    - ✅ `pdm xl2roefact` run xl2roefact command

    - ✅ updated `doc/810.05a-xl2roefact_component.md`

0.1.17.dev fixed all application & package running standard ways (231224 h05:30)

- RELEASES:
    - `.<PROJECT>/xl2roefact/dist/xl2roefact-0.1.17-win64.msi`
    - `<PROJECT>/xl2roefact/dist/xl2roefact-0.1.17.tar.gz`
    - `<PROJECT>/xl2roefact/dist/xl2roefact-0.1.17-py3-none-any.whl`
- 231224piu_a made cli app to run as: Python package main app (`python -m xl2roefact`) and as script (`python xl2roefact.py`) while still letting the Python library `xl2roefact` as importable and use in a programmatic way:
    - ✅ make `.../xl2roefact/app_cli.py` (from actual `.../xl2roefact/__main__.py`) which is complete code of CLI app plus a `run()` function that just launch it
    - ✅ make `.../xl2roefact/__main__.py` that just import `app_cli` for `run()` function and call it
    - ✅ change actual `<xl2roefact ROOT/>xl2roefact.py` to import `xl2roefact.app_cli` for `run()` function and call it
    - ✅ test for MSI package builds ref `<xl2roefact ROOT/>xl2roefact.py`
    - ✅ clean code, test and close issue:
        - `python xl2roefact.py [OPTIONS] COMMAND [ARGS]...`
        - `python -m xl2roefact [OPTIONS] COMMAND [ARGS]...`
- 231223piu_a multiple changes ref main code: `xl2roefact.py` and library `xl2roefact`, MAINLY created `xl2roefact/__main__.py` as normal of xl2roefact.py

0.1.16.dev improving Excel kv-data search with "IN-LABEL" method (231222 h07:00)

- 231222piu_b build packages for:
    - ✅ application deployment package ==> `dist/0.1.13-xl2roefact-0.1-win64.msi`
    - ✅ cleaned, tested, created packages (saved to ==> `.../880-RLSE/880.90-RLSE Source Code Archives`)
    - ✅ updated `pyproject.toml`
- 231222piu_a refactor `rdinv.__get_excel_data_at_label(...)` to search in label (named "IN-LABEL" method)
- 231220piu_b made a first PDM build: [@ 231220 h09:55] ==> test PASS (both created files in `dist/` was "git-ignored")
- 231220piu_b refactored `rdinv(...)` section "section for search of `invoice_items_area` ..." to use `__get_excel_data_at_label(...)` function`
- 231220piu_a refactored `rdinv.__get_excel_data_at_label(...)` for returned "label_position" key`
- 231219piu_a update `rdinv.__get_excel_data_at_label(...)` to return found label value in dictionary as key `"label_value"`
- 231218piu_c `PDM` environment manager, updated `pyproject.toml` structures ref package building, still preps to create env, generate lock file...

- 231218piu_b CLI application, fixed bug of print settings when deployed from a package (command: `xl2roefact.py settings`)

- 231218piu_a installed `PDM` environment manager, updated `pyproject.toml` structures, nxt to create env, generate lock file...

0.1.15 updated solution portal `http://invoicetoroefact.renware.eu/` (231222 h05:00)

- 231222piu_a updated CNAME to `invoicetoroefact.renware.eu`

0.1.14.dev invoice issue date (231217 h07:00)

- 231217piu_b build packages for:
  - ✅ application deployment package ==> `dist/0.1.13-xl2roefact-0.1-win64.msi`
  - ✅ cleaned, tested, created packages (saved to ==> `.../880-RLSE/880.90-RLSE Source Code Archives`)
  - ✅ updated `pyproject.toml`
- 231217piu_a invoice header, issue date (&& ATTN pendulum raise error, see `rdinv.py` line #17, ==> MAYBE JUST TRY `Arrow` or standard `datetime`)
- 231216piu_a review, improve & clean code for: `xl_invoices/config_settings.py`, `xl_invoices/rdinv.py`
- 231215piu_b FIXED configs loaded from config_settings: `rdinv` module load (init) all constants as global variables (because they are subject to change / "improve" values as reading Excel file, for example `DEFAULT_CURRENCY`)
- 231215piu_a changed dir name **`xl_invoice_modules/`** to `xl_invoices` or classic `xl2roefact` as this will be the package name. This is a Python official RECOMMENDATION not a constraint
- 231214piu_a made xl2roefact Python standard package (moved `xl2roefact` modules to a dedicated directory (`xl_invoice_modules/`) with intention to publish package)

Archived CHANGELOGs

- 0.1.4.dev Create system backbone structure

- 0.1.3.dev Enhancing `payments_validation_board` technical proposal

- 0.1.2.dev Enhancing `APItoROefact` technical proposal

- 0.1.1.dev Elaborating technical proposal

- 0.1.0.dev System raw backbone

Release Notes #TODO this file should be created

- wip... not_yet_created... 0.1

Last update: January 30, 2024