

The GNDS-1.9 NEA publication

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WebEx

Introduction / Reminders

- The GNDS project has developed a set of requirements as part of WPEC Subgroup 38
- Specifications started in SG38 and continued with EG-GNDS
- Version 1.9 was reviewed during the 2019 June meetings and approved via that meeting and OECD written procedure in Q3 2019
- Process to finalise the GNDS-1.9 specifications with NEA CEN and OECD PAC has nearly been completed – the draft now awaiting NEA DG review/approval

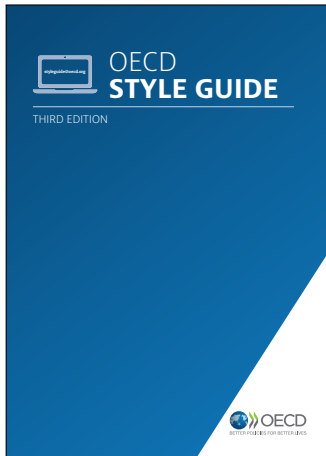
Notes about publication

- Published as an official NEA publication
- \LaTeX generated official publication (NEA [OECD?] FOAK)
- Inclusion in the OECD iLibrary with DOI (WPEC FOAK)
- python/shell/ \LaTeX workflow in git system definitely a FOAK
- ISBN for initial version(s) and transition to ISSN (2.0?)

The GNDS specifications are **not** like usual NEA or OECD publications and the NEA Central Secretariat has been extremely helpful and flexible working this publication through the necessary processes

OECD style

- The OECD has a very mature style guide for all official publications
- GNDS-1.9 now follows these:
 - British English
 - OECD bibliography style
 - Various automatic formatting
 - No personal pronouns
 - Various style changes
- The vast majority of the effort is done forever but language for all proposals will have to conform and be checked as part of new publication reviews

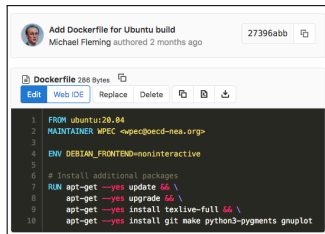


OECD style and the GNDS-1.9 build

- Various changes were made to the repository within the 1.9-publication branch
 - Lua \LaTeX has been adopted for various issues (hyphenation, styles, formatting)
 - APA-based Bib(La) \TeX with manual .cfg overwriting to properly replicate the OECD bibliographic style
 - Adoption of 2018+ TeXlive **full** package
 - Build uses `latexmk` and GNU `make` for convenience
- This branch is not far from the current master branch
- Chair/Secretariat will enjoy the merge with development after proposals are approved

Building the publication and other branches

- The NEA GitLab repository for the specifications has a Continuous Integration (CI) system to run the python/scripts and build the specifications
 - Uses docker executor and Dockerfile for the container is on the 1.9-publication branch
 - Very simple Ubuntu-20.04-based system
 - Unfortunately your machine may not be simple... but you should be able to see what is required
 - Let me know if you have any questions



The screenshot shows a GitLab CI job configuration for 'Add Dockerfile for Ubuntu build' by Michael Fleming, authored 2 months ago. The job is named 'Dockerfile' and is 286 Bytes. It includes buttons for 'Edit', 'Web IDE', 'Replace', 'Delete', and 'Download'. The configuration file content is as follows:

```

1 FROM ubuntu:20.04
2 MAINTAINER WPEC <wpec@oecd-nea.org>
3
4 ENV DEBIAN_FRONTEND=noninteractive
5
6 # Install additional packages
7 RUN apt-get --yes update && \
8     apt-get --yes upgrade && \
9     apt-get --yes install texlive-full && \
10    apt-get --yes install git make python3-pygments gnuplot
    
```

All branches will be put onto this runner after WPEC meetings with required MRs

Questions?