



A Consortium for CONvection-scale modelling
Research and Development

Documentation, a cross-cutting topic

PART 1: OVERVIEW & ASKING for feedback

Jana Sánchez Arriola
ACCORD Documentation Officer

Documentation, a cross-cutting topic

Current status of the Documentation in ACCORD about:

1. Surface
2. Dynamics
3. Systems
4. Data Assimilation
5. EPS
6. Physics
7. Meteorological Quality Assurance (MQA)
8. Summary

SUGGESTIONS from the scientist to discuss here:

ACCORD Surface. Documentation in ACCORD

ONGOING WORK Patrick + DO:

- Ongoing DOC with a description of the current configurations/setups and the relevant documents/papers (complement current SURFEX documentation). Patrick
- A surface/SURFEX namelist doc is work in progress and will be discussed at the surface WW in Prague in May 2026.
- Very detailed Documentation Part in the WIKI/Surface section:
<https://opensource.umr-cnrm.fr/projects/accord/wiki/Surface#Documentation>

SUGGESTIONS from the scientist to discuss here:

- Important documents for us to collect or include?
- Anything to discuss about this?

ACCORD Dynamics. Documentation in ACCORD

ONGOING WORK Tomasso + DO:

- Scientific document (update of the existing documents on GMAP MF), Not cycle dependent. [LaTeX](#)
- Technical documentation-developer guide updated with the model cycles
[WIKI/GitHub](#)
- User guide explaining how to operate the dynamical code and a set of options.
[WIKI/GitHub](#)

Tomasso, Petra, Fabrice, Nica

- Detailed Documentation Part in the WIKI/Dynamics Section:
<https://opensource.umr-cnrm.fr/projects/accord/wiki/Science>

SUGGESTIONS from the scientist to discuss here:

- Feedback on this structure of documentation
- Important documents for us to collect or include?

ACCORD Systems. Documentation in ACCORD

ONGOING WORK Uif + DO:

- GITHUB repositories (54): some of them need better explanation in README.md
- NEXT TACTUS system: new documentation attached to the code
<https://github.com/ACCORD-NWP/tactus>

See example here: <https://destination-earth-digital-twins.github.io/deode-workflow-docs/>

- NAMELIST Documentation: Functionality that would generate
 - Full namelist examples, including comments for a given CSC and configurations.
 - An overview table including all CSCs and recommendations

ONGOING WORK Alexander + DO:

WELCOME PACK: https://github.com/ACCORD-NWP/ACCORD_documentation

ACCORD Data Assimilation. Documentation in ACCORD

ONGOING WORK Benedikt + DO:

- Scientific-Tech Document: (LaTeX) Already started but still some parts to complete. Beni, Maud,... MORE PEOPLE NEEDED
- Detailed Documentation Part in the WIKI/Data Assimilation Section:
https://opensource.umr-cnrm.fr/projects/accord/wiki/Data_Assimilation

SUGGESTIONS from the scientist to discuss here:

- Important documents for us to collect or include?
- Anything to discuss about this?

ACCORD EPS. Documentation in ACCORD

ONGOING WORK Inger Lise + DO:

- Inventory of existing and missing documentation about EPS
- DOC with a descriptions of all the configurations used in ACCORD and important links etc will be started soon **Inger Lise**.

- Documentation Part in the WIKI/EPS Section:

<https://opensource.umr-cnrm.fr/projects/accord/wiki/EPS>

SUGGESTIONS from the scientist to discuss here:

- Important documents for us to collect or include?
- Anything to discuss about this?

ACCORD Physics. Documentation in ACCORD

ONGOING WORK with new AL??:

- Scientific-Tech Document: (LaTeX) Already started but still some parts to complete.
Meto, David,... **MORE PEOPLE NEEDED**
- Detailed Documentation Part in the WIKI/Physics Section:
<https://opensource.umr-cnrm.fr/projects/accord/wiki/Physics>

SUGGESTIONS from the scientist to discuss here:

- Will more scientists working in physics contribute to this document? Who?
Please tell Jana

ACCORD MQA. Documentation in ACCORD

- For MQA there is not a single document to describe all the tools to analyze the Quality of the different model components but a list of all of them and its own documentation are at the WIKI/MQA section:

https://opensource.umr-cnrm.fr/projects/accord/wiki/Online_documentation_and_peer_support

SUGGESTIONS from the scientist to discuss here:

- Important documents for ME to collect or include?
- Anything to discuss about this?

Summary

- **3 Sci-Tech documents (DYN, PHY, DA) going on** - ACCORD LaTeX Licence to do them.
- **4 NEW Documents describing current configurations/setups** used in ACCORD: **SFC, EPS and DYN (2)**
- **Code related Docum:** GitHUB Readme.md, New Scripting system, new functionality for Namelists.
- Go to **ACCORD/WIKI** to check what is happening and see all the links etc.

Documentation, a cross-cutting topic.

**Thank you for your
attention!!!**

**I wait for your
comments&feedback...**

... until WED 23:00h

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