



ALFRED-WEGENER-INSTITUT
HELMHOLTZ-ZENTRUM FÜR POLAR-
UND MEERESFORSCHUNG

AWI-CM3 hands-on-course:

Part 7 resources

Jan Streffing 08.09.2022

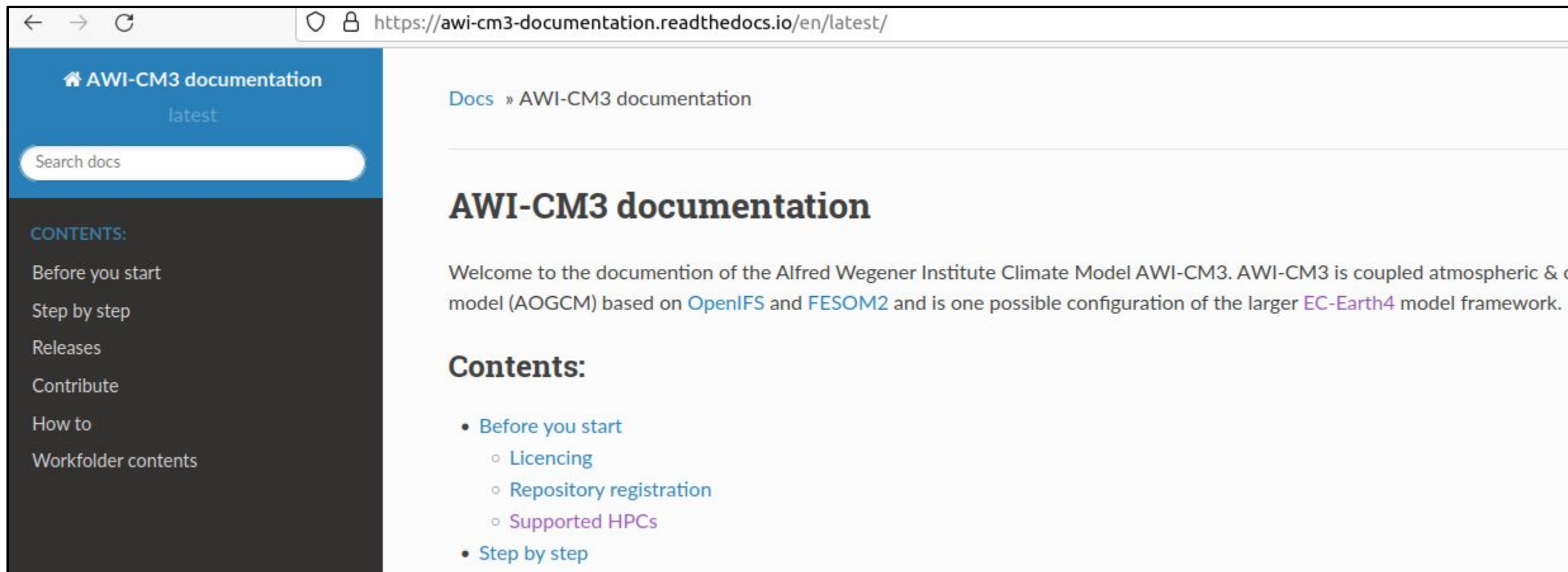
Where to find documentation?



For the basics of AWI-CM3:

<https://awi-cm3-documentation.readthedocs.io>

Open to read, register to edit on github



Where to find documentation?



For the specifics of FESOM2:

<https://fesom.readthedocs.io>

Open to read, register to edit on github



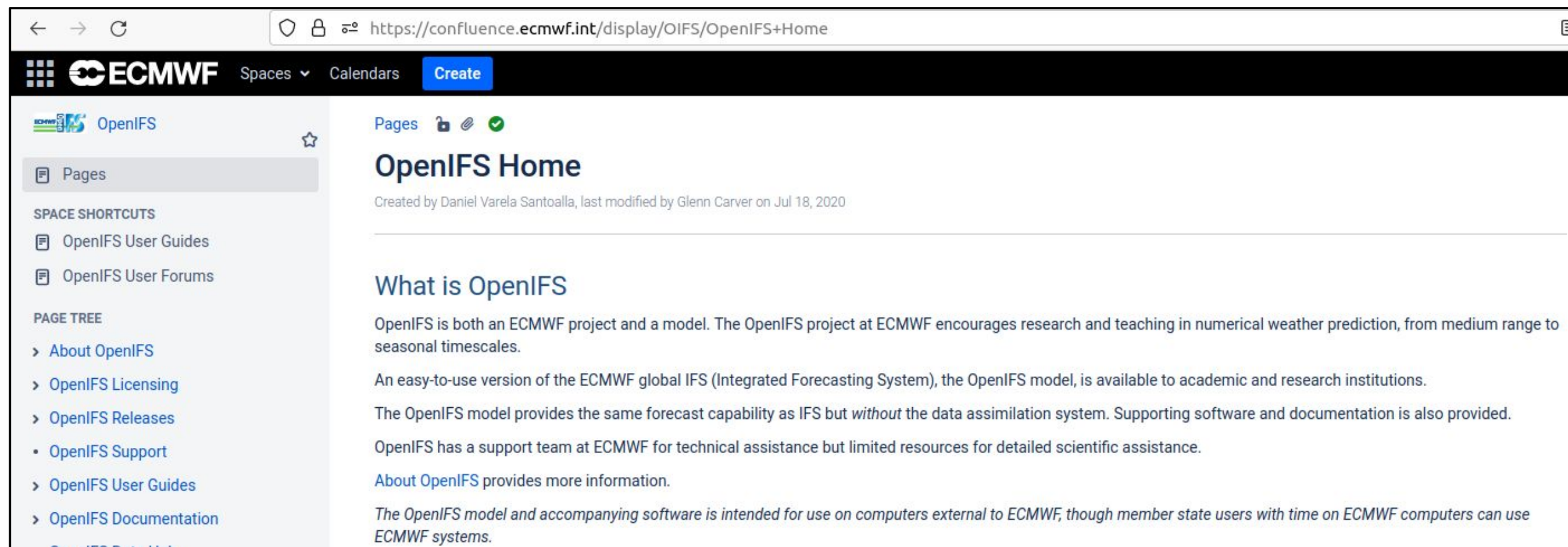
Where to find documentation?



For the specifics of OpenIFS:

<https://confluence.ecmwf.int/display/OIFS/>

Open to read, no editing



Where to find documentation?



Summary

AWI-CM3: <https://awi-cm3-documentation.readthedocs.io>

FESOM2: <https://fesom.readthedocs.io>

OpenIFS: <https://confluence.ecmwf.int/display/OIFS/>

esm_tools: <https://esm-tools.readthedocs.io>

XIOS: <https://forge.ipsl.jussieu.fr/ioserver>

Oasis3MCT: https://www.cerfacs.fr/oa4web/oasis3-mct_4.0/oasis3mct_UserGuide.pdf

Where ask for support?



For AWI-CM3/ESM related issues: (until 19th of September)

https://github.com/AWI-CM3/project_management/issues

Register and email me to read and post

Filters Labels 16 Milestones 1 New issue

☐ 20 Open ✓ 92 Closed Author Label Projects Milestones Assignee Sort

- ☐ **implementation of flexible freshwater hosing** enhancement ocean
#114 opened 6 days ago by christian-stepanek
- ☐ **cumbersome way of setting greenhouse gas forcing in the CMIP6 framework** atmosphere documentation
enhancement
#113 opened 7 days ago by christian-stepanek
- ☐ **MH and LIG 2° warm bias** bug
#112 opened 8 days ago by JanStreffing
- ☐ **Possibility to write output to compressed netCDF4 based on XIOS** atmosphere enhancement
#111 opened 9 days ago by christian-stepanek
- ☐ **Scaling TCO639L137-SO3** computer
#108 opened on Aug 1 by JanStreffing

Where ask for support?



For AWI-CM3/ESM related issues: (from 19th of September onwards)

<https://github.com/AWI-ESM/support/issues>

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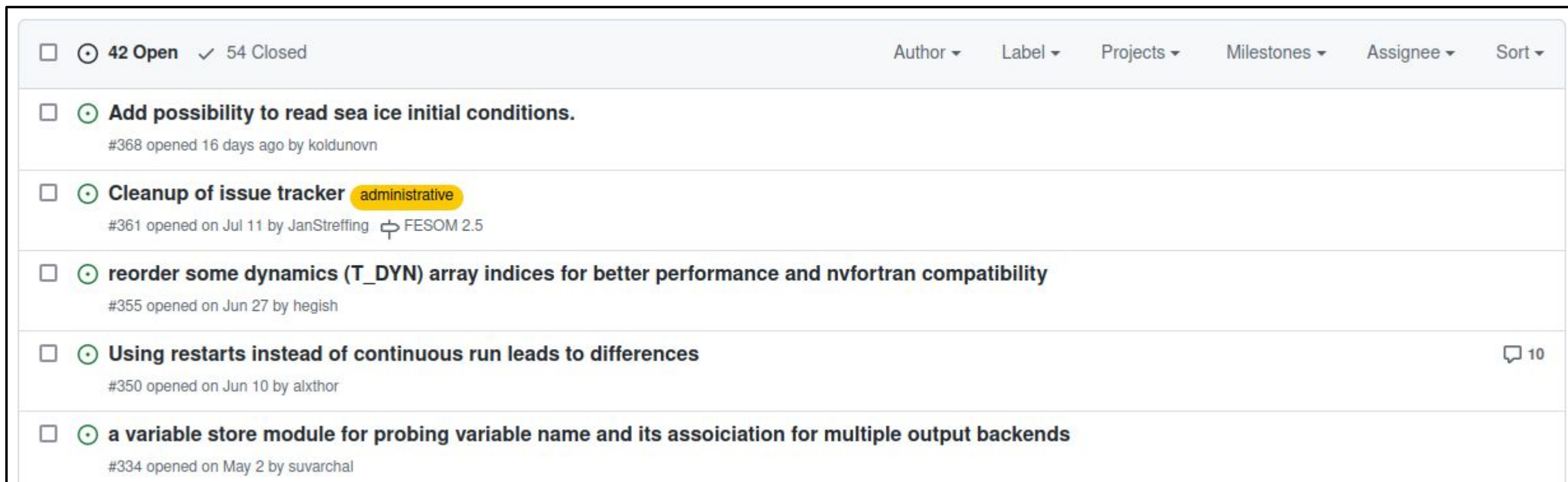
Where ask for support?



For FESOM2 related issues:

<https://github.com/FESOM/fesom2/issues/>

Open to read, register to post



Where ask for support?



For EC-Earth related issues / coordination:

<https://dev.ec-earth.org/projects/ec-earth-4>

Email me to be registered to read and post

<input type="checkbox"/>	#	Tracker	Status	Priority	Subject	Author	Assignee	Updated	Category	Target version	Due date
<input type="checkbox"/>	#1143	Information request	Investigation	Low	Any way to choose a "sign-conserving" remapping with XIOS?	Christian Stepanek		07 Sep 2022 15:18	XIOS		
<input type="checkbox"/>	#1130	Change request	Testing	Low	Porting time-varying orbital parameters to ECE4	Klaus Wyser		18 Aug 2022 13:19	OpenIFS 43r3	EC-Earth 4-GCM	
<input type="checkbox"/>	#1116	Change request	Testing	Medium	Resubmit error in configurations using nemo	José M. Rodríguez González	Uwe Fladrich	06 Sep 2022 14:31	Runtime Environment (RTE)		
<input type="checkbox"/>	#1109	Information request	Investigation	Low	disabling xios output in oifs	Etienne Tourigny		12 Jul 2022 09:44			
<input type="checkbox"/>	#1107	Information request	Investigation	Medium	Compile error with nemo-4.2	José M. Rodríguez González		23 Jun 2022 11:52	NEMO 4.2		
<input type="checkbox"/>	#1106	Change request	New	Low	too much debug output from xios in oifs	Etienne Tourigny		22 Jun 2022 12:42	OpenIFS 43r3		
<input type="checkbox"/>	#1105	New feature request	WaitForMerge	High	Tuning parameters for atmospheric model	José M. Rodríguez González	José M. Rodríguez González	07 Sep 2022 14:35	OpenIFS 43r3	EC-Earth 4-GCM	
<input type="checkbox"/>	#1101	Information request	Investigation	Low	error reading runoff masks with ECE4 trunk	Etienne Tourigny	Uwe Fladrich	09 Jun 2022 15:19	Coupling of components	EC-Earth 4-GCM	
<input type="checkbox"/>	#1099	Information request	New	Medium	improve handling of multiple platforms in runtime environment	Etienne Tourigny	Uwe Fladrich	16 Jun 2022 16:03			
<input type="checkbox"/>	#1083	New feature request	New	Medium	Include aerosol activation	Twan van Noije	Declan O'Donnell	13 May 2022 17:43	OpenIFS 43r3	EC-Earth 4-GCM	17 Jun 2022

Where to ask for help?



Summary

AWI-CM3/ESM: https://github.com/AWI-CM3/project_management/issues (till 19.09.22)

AWI-CM3/ESM: <https://github.com/AWI-ESM/support/issues> (from 19.09.22)

EC-Earth: <https://dev.ec-earth.org/projects/ec-earth-4>

FESOM2: <https://github.com/FESOM/fesom2/issues>

OpenIFS: <https://jira.ecmwf.int/projects/OIFSSUP/issues>

esm_tools: https://github.com/esm-tools/esm_tools/issues

Oasis3MCT: https://www.cerfacs.fr/site-oasis/forum/oa_main.php

Thank you for joining, and good luck out there!

Let me know what you thought of the course,
and how to improve it for next time:

<https://github.com/AWI-CM3/hands-on-course/discussions/4>