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 - **Cc:** Piet Termonia <piet.termonia@meteo.be>, Derková Mária <maria.derkova@shmu.sk>
 - **Subject:** [alabobo2] new (second) export source code for CY40T1
 - **Date:** Mon, 24 Apr 2017 14:39:11 +0200 (CEST)
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Dear all,

as announced during the workshop week in Helsinki, a new version of the CY40T1 export codes is available.

This version includes a number of fixes + Alaro-v1b changes. The companion PDF file describes the set of technical code changes that have entered the MF GIT repository while building this new source code version. The former, first export branch (the one many of you have installed locally) was based on CY40T1_bf.05. The new version of based on CY40T1_bf.07.

On the side of the Alaro CMC, a specific documentation about v1b has been written. See attached file.

Also associated is a set of two namelists for Alaro v1a and v1b.

On the side of the Arome CMC, apart from code fixes, this export version has been validated for Arome-France 3D-VAR and was found bit-reproducible with respect to the previous version (including all operational types of observations, and tested for one network). The Aladin forecast model configuration also basically is not changed.

For the local installation, we very highly recommend a FULL installation of the code, not an incremental one (w/r to the first export).

Indeed, several changes affect modules and codes that possibly create compile dependencies. Therefore, it seems much safer to install the full new version in one go.

For this purpose, we make **the full source code available in the tar-package available on "hendrix"**:

`~martinezs/pub/src/arp/cy40/cy40t1_bf.07.tar.gz`

Namelists and const files for Arome-France are kept unchanged w/r to the previous version. For reminder, they can be found at:

`/home/martinezs/pub/export/cy40t1_bf.05`

const: MF files based on CY40_op2

```
-rw-r--r-- 1 martinezs marp 95390694 26 juin 09:13 arome.tgz  
-rw-r--r-- 1 martinezs marp 643210091\_26 juin 09:14 arpege.tgz
```

const: files associated with the full Arome 3D-VAR assimilation test run in GMAP (CY40T1_bf)

beaufix: `/home/gmap/mrpe/marya/export/40t1/const_valid.tar.gz`

namelist:

```
drwxr-xr-x 2 martinezs marp 512 26 juin 09:03 alaro  
drwxr-xr-x 2 martinezs marp 512 26 juin 09:03 arome
```

Best regards,
Claude Fischer
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Attachment: [alaro1 namelists cy40t1bf07.tar](#)

Description: Unix tar archive

Attachment: [alaro1versionB docnote.pdf](#)

Description: Adobe PDF document

Attachment: [cy40t1 bf v06v07.pdf](#)

Description: Adobe PDF document

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- **[alabobo2] new (second) export source code for CY40T1, FISCHER Claude, 24/04/2017**