1) Interface/Implications of public release of GFS (including repositories and support, in part in relation to funded project activities)

The discussion will be initiated by Arun Chawla describing the EMC FV3-GFS Release.

The discussion will work towards a synthesis of previous meeting of Repositories, Graduate Student Test, and "Definition" of the Unified Forecast System. Try to steer us towards turning the repository issues, including services, back to the Infrastructure Working Group. There are obvious connections to many other working groups.

Framing:

1) The Graduate Student Test describes a (relatively) concrete problem that exercises an important subset of the end-to-end system that if executed would be an important UFS milestone.

2) The current EMC FV3-GFS release should be a kernel that assists is defining some of the key support items in the Graduate Student Test.

3) There are a number of pieces of the Graduate Student Test that have been funded, piecemeal, and they would benefit from coordination and attention from multiple working groups.

4) The current NGGPS proposal call provides a potential researcher cohort (i.e. Graduate Students) that offer an opportunity for advancing the UFS.

5) Related NGGPS / FV3 research and development activities offer important interfaces to repository and other systems issues that need to be focused into the UFS.

--- Information

Here is the prompt sent to Arun and the Infrastructure WG Co-leads

thank you for agreeing to provide a presentation the the UFS-Steering Committee on the EMC release of FV3-GFS.

We are interested in a general description of the release and its associated support. We are also interested in EMC’s expectations from the release.

We would like your description to consider the role of the release as an opportunity to start to pull together some items we have discussed in previous meetings.

We don’t expect you to cover all of the questions below, rather that the questions serve to prompt the SC towards some synthesis on a number of issues tagged in the previous meetings.

For example:

With regards to repositories and repository policy for the UFS, can the FV3-GFS release advance this effort?
- Does this contribute to the use of distributed repositories with an authoritative repository for coupled applications?
- What is the path for contributions to be returned to the repository?

With regard to advancing the Graduate Student Test (GST), can the FV3-GFS serve as an initial focus to better define the GST?
- How is this coordinated with the port to Cheyenne by GMTB?
- Can a community be based in developing documentation and user's guide?

Does the FV3-GFS release support the proposals in the current NGGPS call?
- How do research efforts outside of the NGGPS call relate to this release?

Please feel free to alter or add to these questions if they seem naive or too vague.