

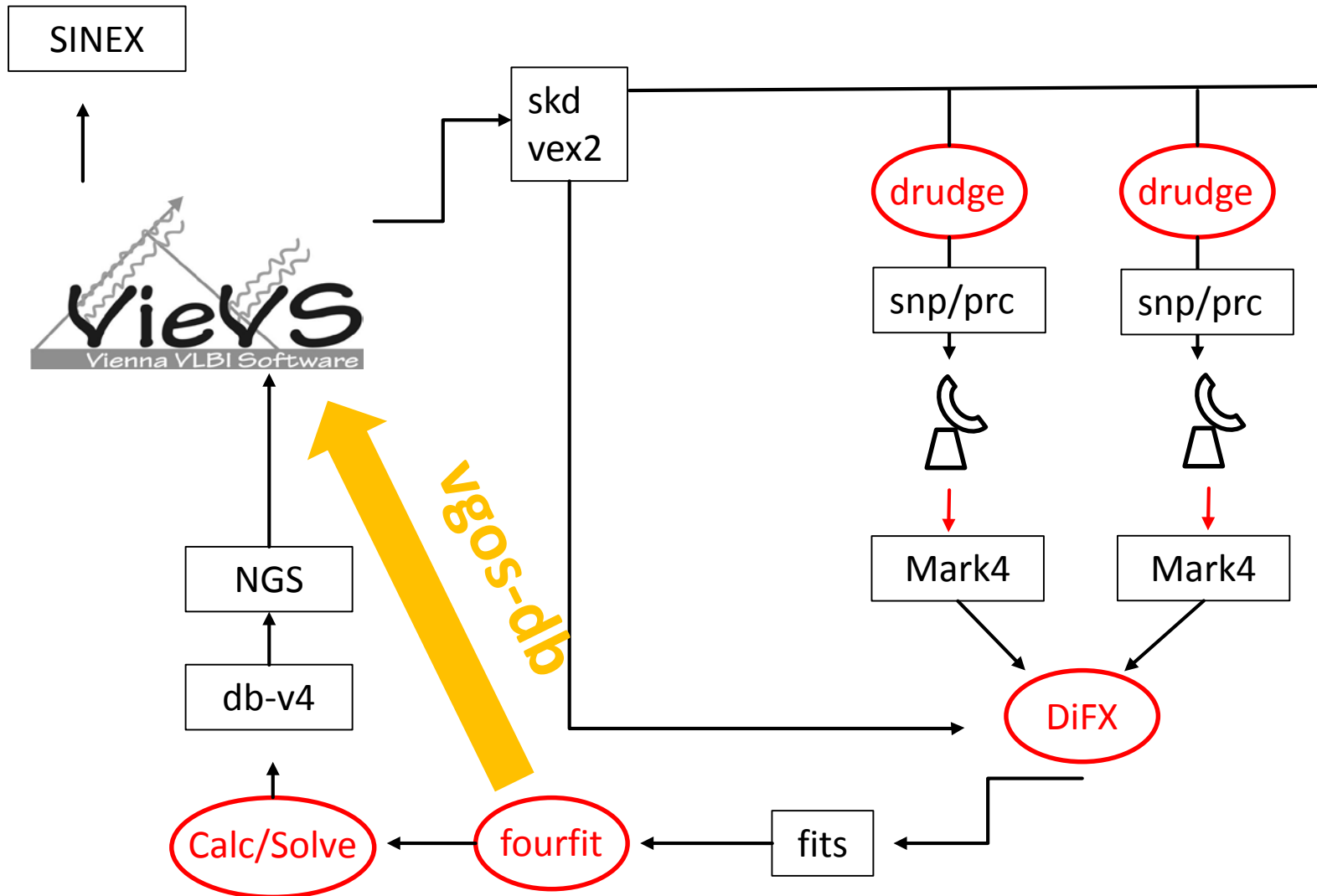


# Planned future development of VieVS

Johannes Böhm

VieVS User Workshop

# VLBI - a flowchart



# vgos-db

- Netcdf tools have already been implemented
  - Of course, a rigorous implementation will have a major impact on vie\_init, vie\_mod, ..
- We should already use them for test purposes

# Group delay ambiguities and ionosphere

- Pending
- No longer necessary with VGOS (both done by fourfit)

# Phase solution

- Between sibling telescopes (Lucia?)

# Local ties

- Lucia, Younghee, Kamil, ... did a lot on sibling telescopes
- How about its "operational" realisation in VieVS?

# Filter solutions

- Kalman filter or square root information filter ("light") could be tested in diploma thesis

# Scheduling

- Are we able to do VGOS scheduling? Or mixing VGOS with legacy antennas?



# Observations to satellites

- A lot is going on

# Troposphere

- Ray-traced delays are now ready to be used more often