query C
task C3 requires:
DiMu-3-jetpt
DiMu-3-jetphi
DiMu-3-mupt

query C
task C2 requires:
DiMu-2-jetpt
DiMu-2-jetphi
DiMu-2-mupt

query C
task C1 requires:
DiMu-1-jetpt
DiMu-1-jetphi
DiMu-1-mupt

query B
task B1 requires:
Exo-1-mupt
Exo-1-mueta
Exo-1-muphi
Exo-1-MET

Worker 3
1. Has nothing in cache.
2. Picks task A3 because it's first.
3. Fetches DiMu-3-mupt, DiMu-3-mueta.
4. Performs task A3.
5. Picks task C3 because it's first with DiMu-3 requirements.
6. Fetches DiMu-3-jetpt, DiMu-3-jetphi.
7. Performs task C3.

Worker 2
1. Has nothing in cache.
2. Picks task A2 because it's first.
3. Fetches DiMu-2-mupt, DiMu-2-mueta.
4. Performs task A2.
5. Picks task C2 because it's first with DiMu-2 requirements.
6. Fetches DiMu-2-jetpt, DiMu-2-jetphi.
7. Performs task C2.

Worker 1
1. Has nothing in cache.
2. Picks task A1 because it's first.
3. Fetches DiMu-1-mupt, DiMu-1-mueta.
4. Performs task A1.
5. Picks task C1 because it's first with DiMu-1 requirements.
6. Fetches DiMu-1-jetpt, DiMu-1-jetphi.
7. Performs task C1.