

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.

## 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.

## 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.