

Matching Detected Stars with the SimRefObject Catalog through precomputed Match table

```
SELECT o.objectId,  
       sro.ra, sro.decl, sro.gLat, sro.gLon, sro.sedname,  
       sro.uMag, sro.gMag, sro.rMag, sro.iMag, sro.zMag, sro.yMag,  
       sro.muRa, sro.muDecl, sro.parallax, sro.vRad, sro.varClass,  
       (sro.refObjectId-1)/2*pow(2,10) typeId  
FROM   Object o  
JOIN   RefObjMatch rom USING (objectId)  
JOIN   SimRefObject sro USING (refObjectId)  
WHERE  isStar =1 and rMag < 25
```

Frequently run by PipeQA.