

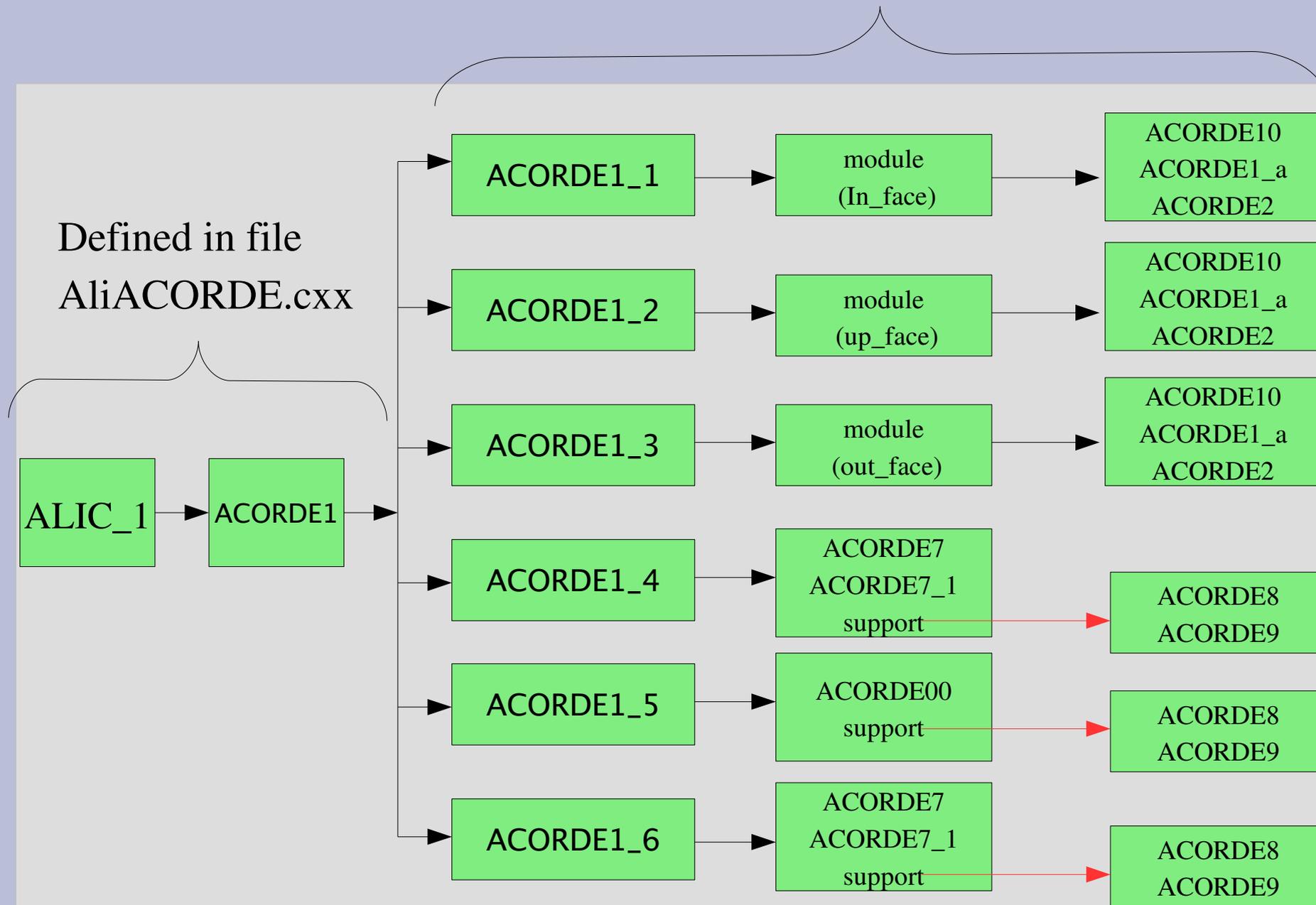
Acorde Geometry in AliRoot

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Tree Volume of Acorde in AliRoot (using TGeo Class)

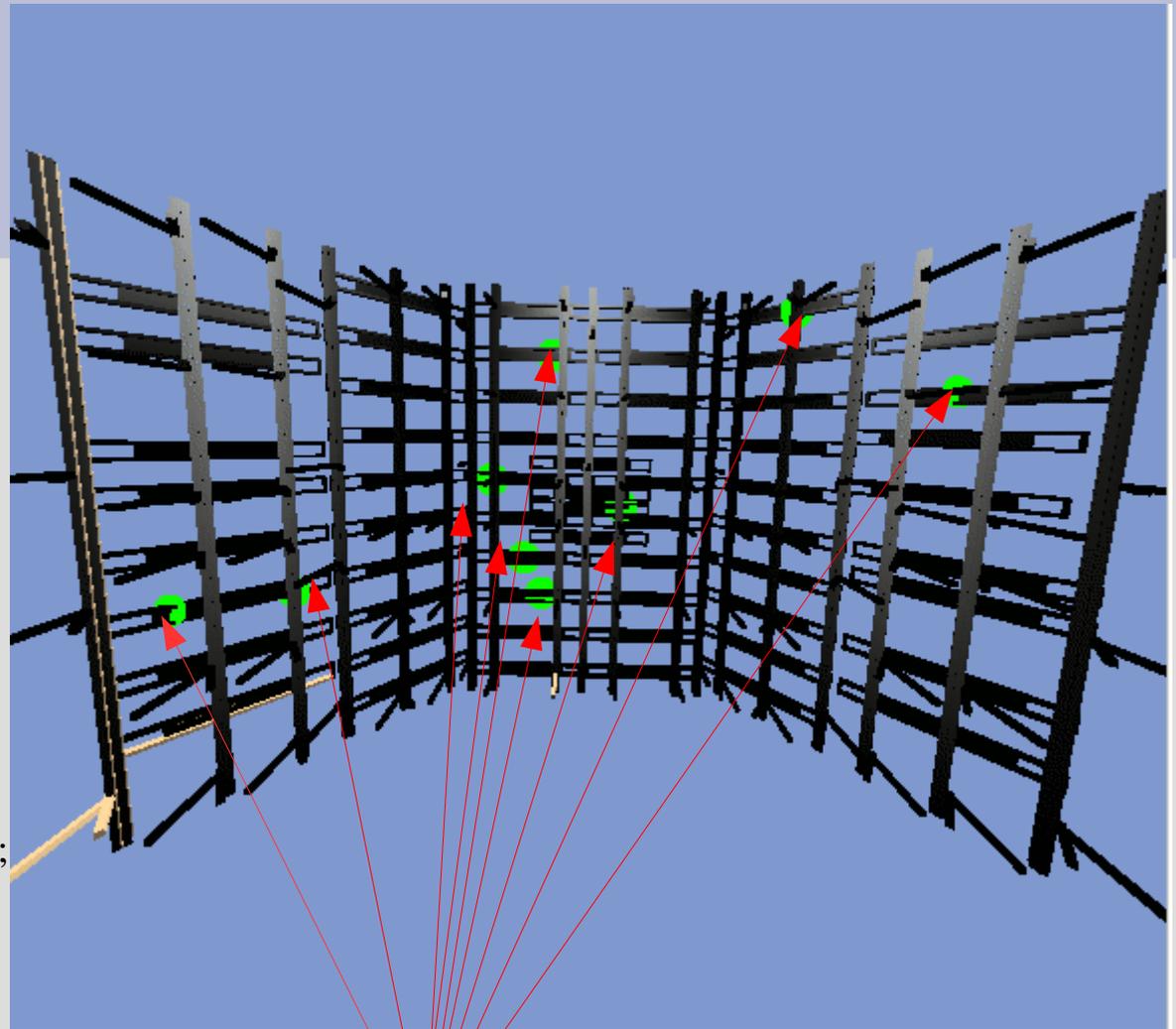
Content in file AliACORDEv1.cxx



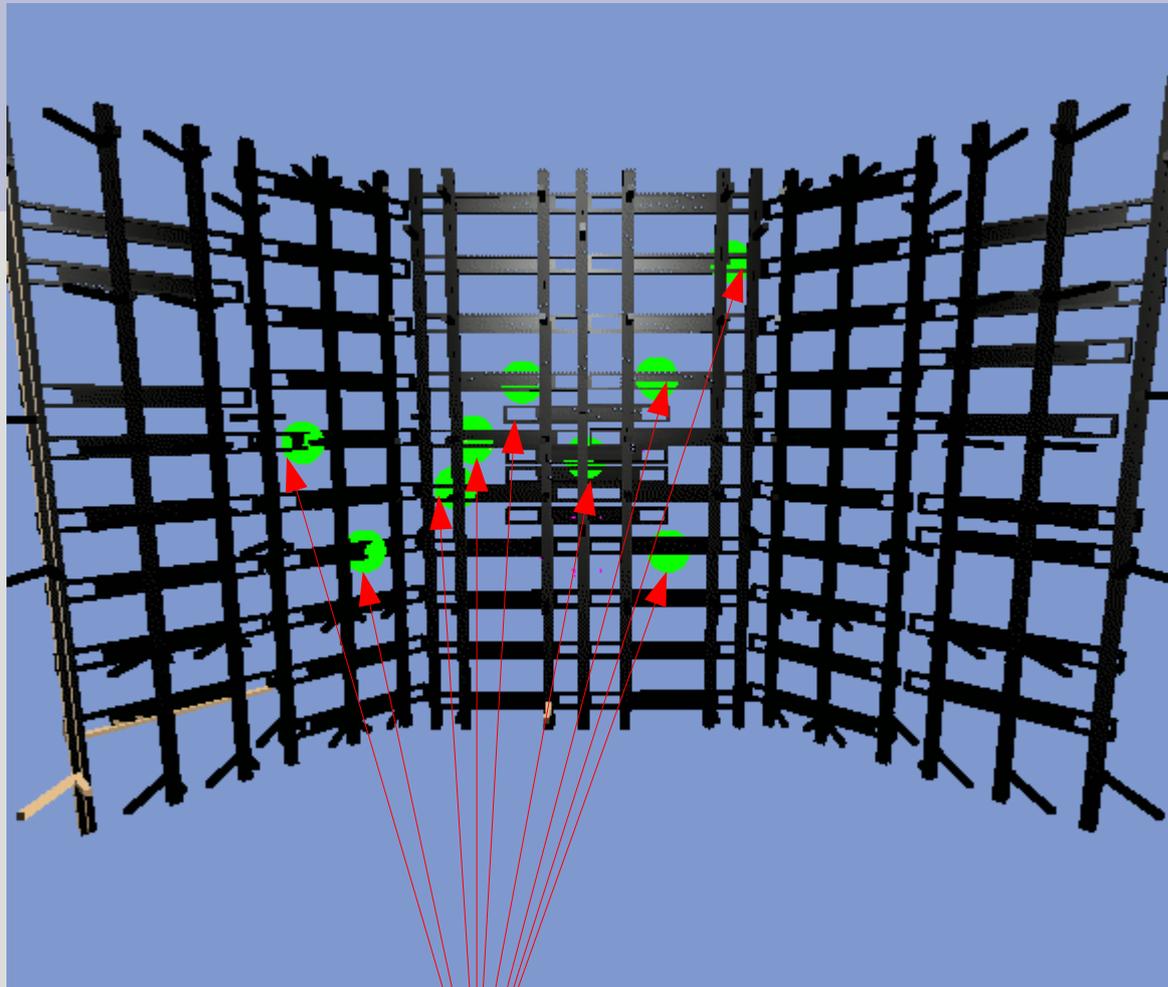
Acorde Geometry in Alieve (example 1)

File modified --> geom_acorde.C

```
for(Int_t i=1; i<=6; ++i) {  
  char form[10000];  
  sprintf(form, "ACORDE1_%d", i);  
  .....  
  .....  
  .....  
  re->UseNodeTrans();  
  gReve->AddGlobalRenderElement(list, re);  
}
```



 Hits



 Hits

Acorde Geometry in Aieve (example 2)

File modified --> geom_acorde.C

```
for(Int_t i=1; i<=6; ++i) {  
  char form[10000];  
  sprintf(form, "ACORDE1_%d", i);  
  ....  
  ....  
  ....  
  re->UseNodeTrans();  
  gReve->AddGlobalRenderElement(list, re);  
}
```

Alignment Status

```
export TOCDB=kTRUE
export STORAGE="local://$HOME/MyCDB"
.x $ALICE_ROOT/GRP/UpdateCDBIdealGeom.C("local://$HOME/MyCDB", "path/Config.C")
.x path/MakeACORDEFullMisAlignment.C

for (Int_t imod=0; imod<6; imod++){
  Int_t iIndex=0;
  dx=rnd->Gaus(0.,sigmatr);
  dy=rnd->Gaus(0.,sigmatr);
  dz=rnd->Gaus(0.,sigmatr);
  dpsr=rnd->Gaus(0.,sigmarot);
  dtheta= rnd->Gaus(0.,sigmarot);
  dphi=rnd->Gaus(0.,sigmarot);
  AliGeomManager::ELayerID iLayer = AliGeomManager::kInvalidLayer;
  UShort_t volid = AliGeomManager::LayerToVolUID(iLayer,iIndex);
  symname = basename;
  symname += (imod+1);
  new(alobj[j]) AliAlignObjParams(symname, volid, dx, dy, dz,dpsi, dtheta, dphi, kFALSE);
  j++;
}
```