

```

module example001()
{
    function r_from_dia(d) = d / 2;

    module rotcy(rot, r, h) {
        rotate(90, rot)
        cylinder(r = r, h = h, center = true);
    }

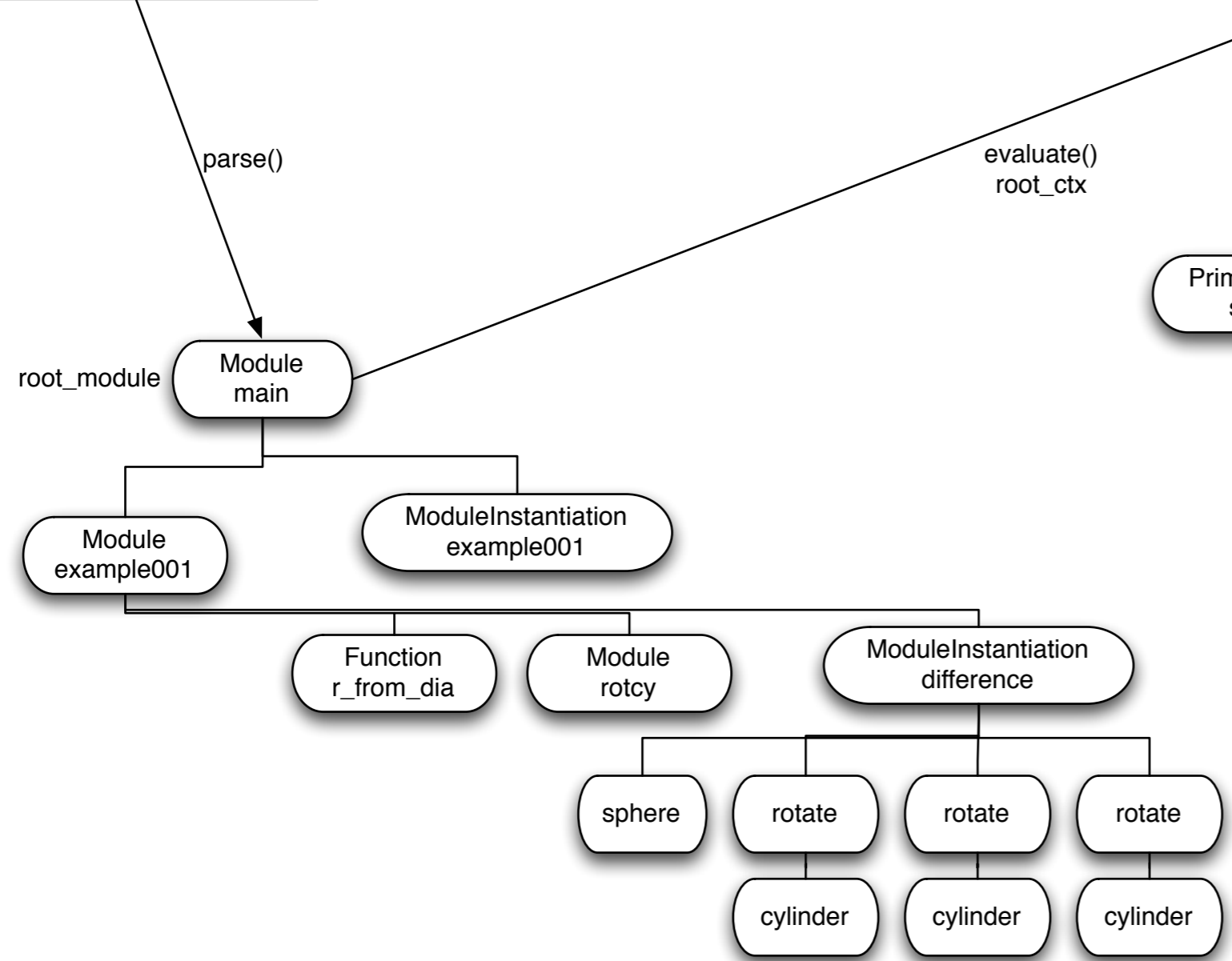
    difference() {
        sphere(r = r_from_dia(size));
        rotcy([0, 0, 0], cy_r, cy_h);
        rotcy([1, 0, 0], cy_r, cy_h);
        rotcy([0, 1, 0], cy_r, cy_h);
    }

    size = 50;
    hole = 25;

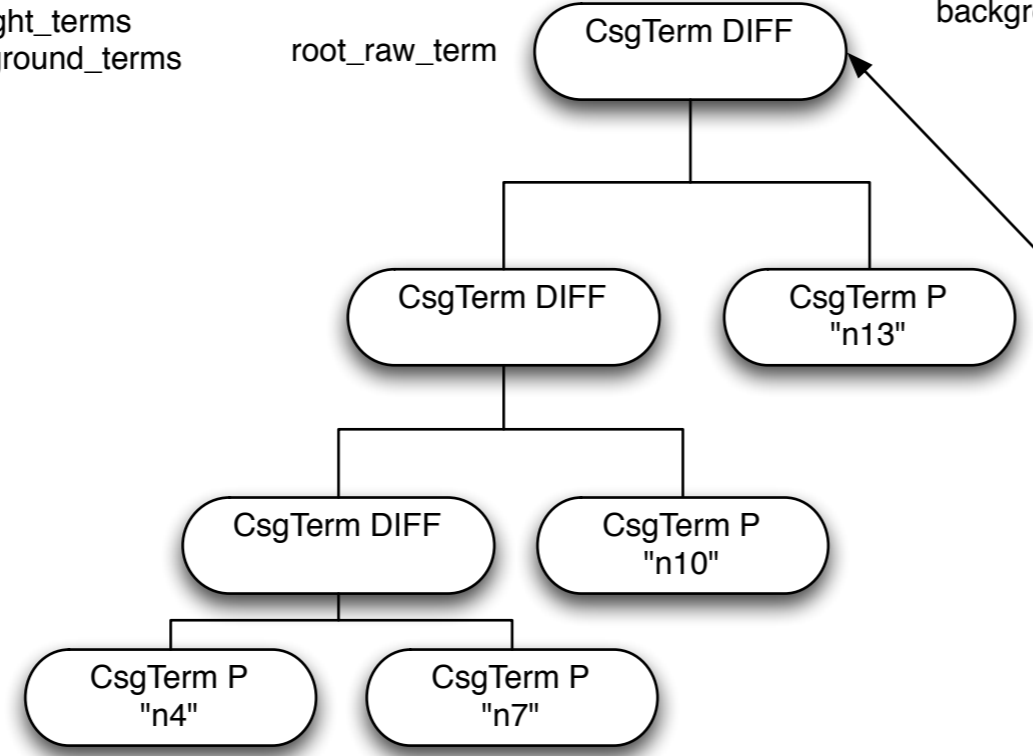
    cy_r = r_from_dia(hole);
    cy_h = r_from_dia(size * 2.5);
}

```

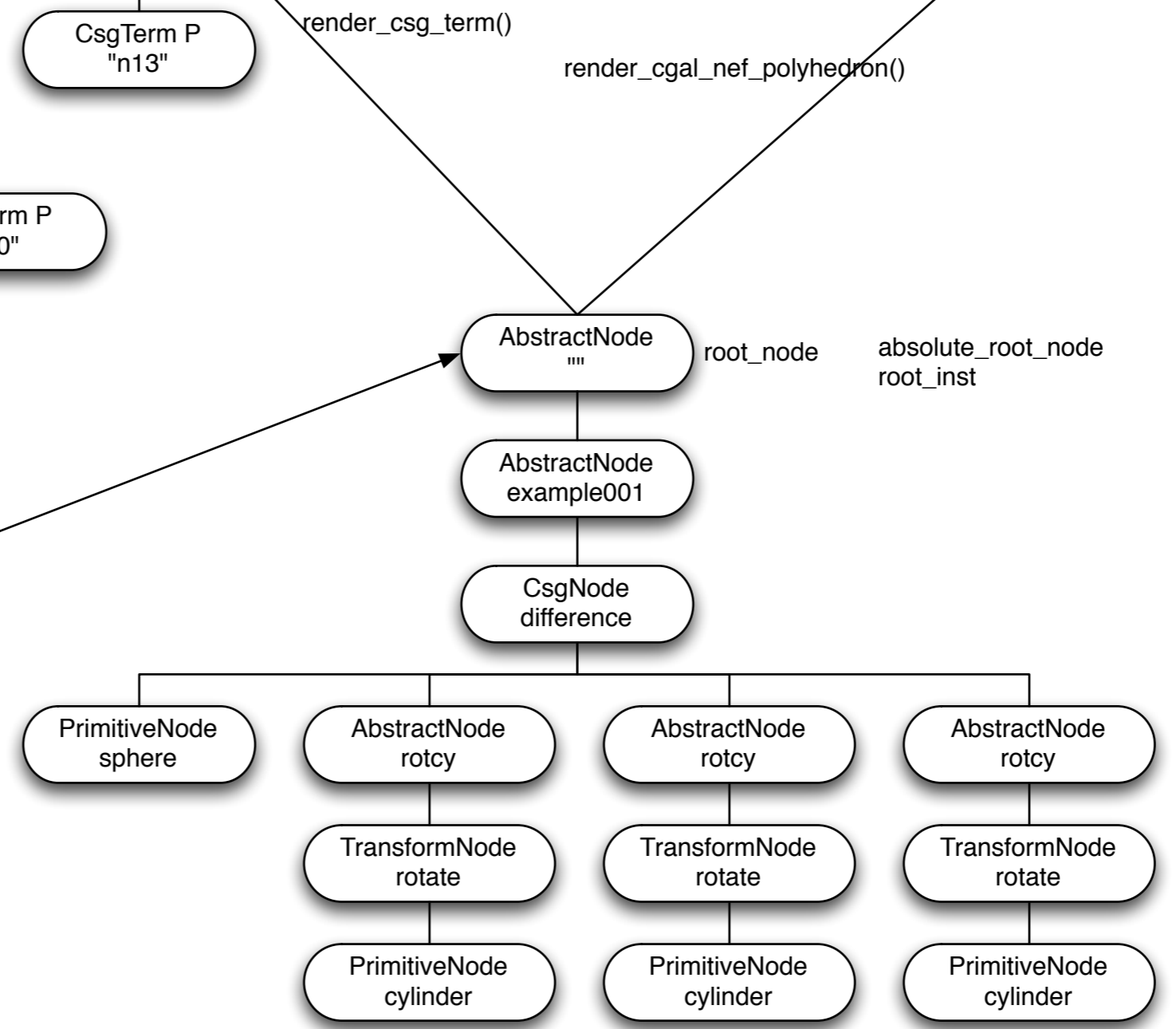
example001();  
last\_compiled\_doc



root\_norm\_term  
highlight\_terms  
background\_terms



root\_chain: vector of polyset, matrices, types and labels  
highlights\_chain  
background\_chain



<b>AbstractNode</b>
Join all children
<b>AbstractIntersectionNode</b>
Intersect all children
<b>RenderNode</b>
Join all children
<b>CsgNode</b>
CSG all children
<b>TransformNode</b>
Join all children
Transform result
<b>CgaladvNode</b>
OP all children
<b>AbstractPolyNode</b>
ps = render_polyset()
ps->renderCSGMesh()
<b>PolySet</b>

- o Check cache
- o Render node
- o Update cache