

```

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

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

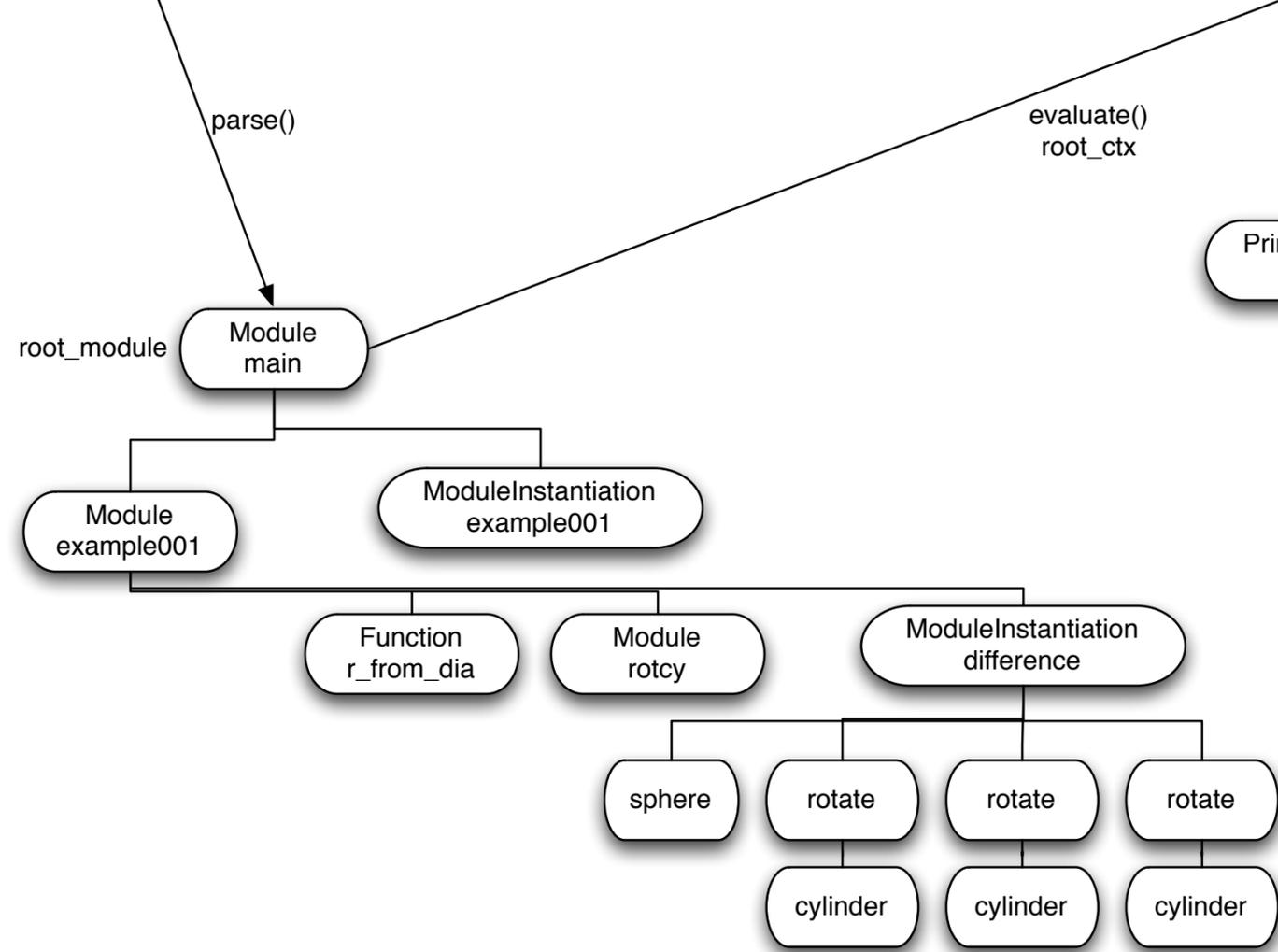
    difference() {
        sphere(r = r_from_dia(size));
        rotcy([0, 0, 0], cy_r, cy_h);
        rotcy([1, 0, 0], cy_r, cy_h);
        rotcy([0, 1, 0], cy_r, cy_h);
    }

    size = 50;
    hole = 25;

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

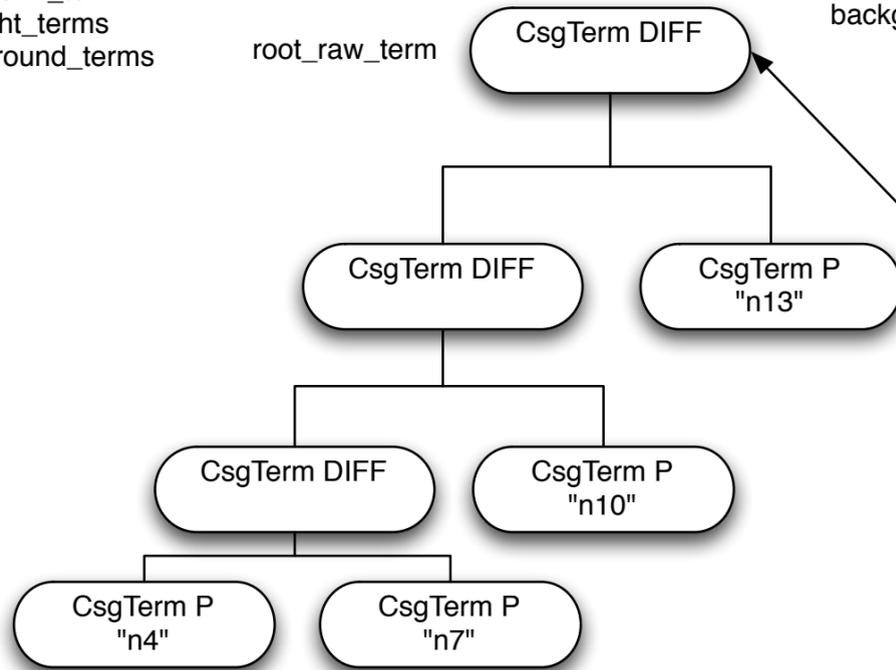
```

example001();  
last\_compiled\_doc



root\_norm\_term  
highlight\_terms  
background\_terms

root\_raw\_term



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

CSGTermEvaluator

CGALEvaluator

AbstractNode ""

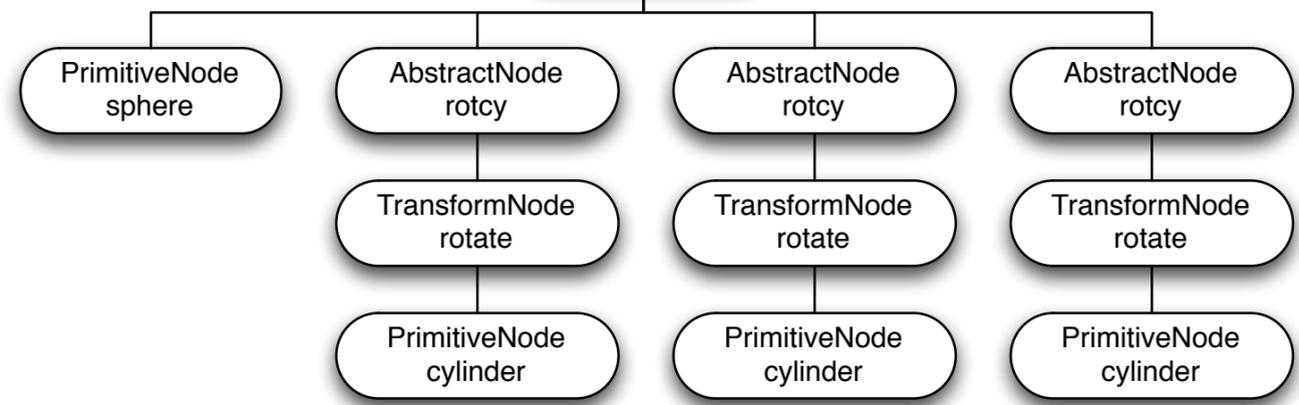
root\_node

absolute\_root\_node  
root\_inst

AbstractNode example001

CsgNode difference

evaluate()  
root\_ctx



- o dump()
- o make cache ID
- o Check cache
- o Render node
- o Update cache

\* a cache ID must be available for each node (i.e. dump+cache)