

```

1 class GroupNode : AbstractNode
2 {
3     private List<AbstractNode> children = new List<AbstractNode>();
4     public GroupNode(bool redefines, int level, string varName, int repeatCount, int repeatIndex, string comment)
5         : base(redefines, level, varName, repeatCount, repeatIndex, comment)
6     { }
7     public override int AssignValue(string data)
8     {
9         int currentShift = 0;
10        int totalShift = 0;
11        foreach (var child in children)
12        {
13            if (!child.Redefines)
14            {
15                currentShift = child.AssignValue(data.Substring(totalShift));
16                totalShift += currentShift;
17            }
18            else
19            {
20                child.AssignValue(data.Substring(totalShift - currentShift));
21            }
22        }
23        return totalShift;
24    }
25
26    public override string ToString(int tabCount)
27    {
28        StringBuilder strBuilder = new StringBuilder();
29        if (Level != 0)
30        {
31            strBuilder.Append(string.Format("{0}{1}{2} {3}{4}\r\n",
32            new string(' ', tabCount * 4 - (Redefines ? 1 : 0)),
33            Redefines ? "R" : "",
34            Level.ToString().PadLeft(2, '0'),
35            VarName,
36            RepeatCount > 1 ? string.Format("({0})", RepeatIndex) : ""));
37        }
38        foreach (var child in children)
39        {
40            strBuilder.Append(child.ToString(tabCount + (Level == 0 ? 0 : 1)));
41        }
42        return strBuilder.ToString();
43    }
44    public override AbstractNode CreateCopyWithIndex(int index)
45    {
46        GroupNode g = new GroupNode(Redefines, Level, VarName, RepeatCount, index, Comment);
47        foreach (var child in children)
48        {
49            g.AddChild(child.CreateCopyWithIndex(child.RepeatIndex));
50        }
51        return g;
52    }
53 }

```