

Yellowfincom.hof.mi.interfaces.AnalyticalFunctionYellowfin

public String getName()	
public String getDescription()	
public String getCategory()	
public int getReturnType()	
public String getColumnHeading(String colName)	colName
public boolean acceptsNativeType(int type)	true
public Object applyAnalyticFunction(int index, Object value) throws Exception	

public void preAnalyticFunction(Object[] selectedCol)	applyAnalyticFunction
protected void setupParameters()	addParameter()

```
import com.hof.mi.interfaces.AnalyticalFunction;

public class AccumulativeTotal
    extends AnalyticalFunction{

    private Double total = 0.0;
    public String getName()
    {
        return "Accumulative Total";
    }
    public String getDescription()
    {
        return "Calculates the accumulative total for the selected field";
    }

    public String getCategory()
    {
        return "Analysis";
    }
    public String getColumnHeading(String colName)
    {
        return "Accumulative Total of " + colName;
    }
    public int getReturnType()
    {
        return TYPE_NUMERIC;
    }
    public boolean acceptsNativeType(int type)
    {
        return type == TYPE_NUMERIC;
    }
    public Object applyAnalyticFunction(int index, Object value) throws Exception
    {
        if (value == null) return null;
        this.total += Double.valueOf(value.toString());
        return this.total;
    }
}
```