

```
package edu.wsu.gridstat.router.condFunction;
```

```
/**
```

```
 * <p>Title: CondCalcInterface </p>  
 * <p>Description: </p>  
 * <p>Copyright: Copyright (c) 2004</p>  
 * <p>Company: Washington State University </p>  
 * @author Kjell Harald Gjermundrod  
 * @version 1.0  
 */
```

```
// GridStat packages.
```

```
import edu.wsu.gridstat.util.IntHashMap;
```

```
import edu.wsu.gridstat.command._CondensationSetupHolder;
```

```
public abstract interface CondCalcInterface
```

```
{
```

```
 /**
```

```
 * The <code>initialize</code> method is used to initialize this condensation calculator.
```

```
 * <BR>
```

```
 * @param setUpHolder The command that is used to set up this condensation * function.
```

```
 * @param statusHolders The holder for the status events that will be used in the calculation.
```

```
 */
```

```
public void initialize(_CondensationSetupHolder setUpHolder, IntHashMap statusHolders);
```

```
 /**
```

```
 * The <code>filterOutValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterOutValue(int value);
```

```
 /**
```

```
 * The <code>filterOutValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterOutValue(float value);
```

```
 /**
```

```
 * The <code>filterOutValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterOutValue(boolean value);
```

```
 /**
```

```
 * The <code>filterInValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterInValue(int value);
```

```
 /**
```

```
 * The <code>filterInValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterInValue(float value);
```

```
 /**
```

```
 * The <code>filterInValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public boolean filterInValue(boolean value);
```

```
 /**
```

```
 * The <code>filterOutValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public abstract boolean filterOutValue(byte[] value);
```

```
 /**
```

```
 * The <code>filterInValue</code> method is used to test if the value should be filtered.
```

```
 * <BR>
```

```
 * @param value The value that is tested for filtering.
```

```
 * @return Returns <code>>true</code> if the value should be filtered, <code>>false</code> otherwise.
```

```
 */
```

```
public abstract boolean filterInValue(byte[] value);
```

```
 /**
```

```
 * The <code>calculate</code> abstract method is used to do the calculation.
```

```
 * <BR>
```

```
 * @return Returns <code>true</code> if we produced a new value, <code>>false</code> if no new value was produced.
```

```
 */
```

```
public abstract boolean calculate();
```

```
}
```