

```
package edu.wsu.gridstat.subscriber.interfaces;
```

```
/**  
 * <p>Title: HolderBaseGroupInterface</p>  
 * <p>Description: </p>  
 * <p>Copyright: Copyright (c) 2005</p>  
 * <p>Company: Washington State University</p>  
 * @author Kjell Harald Gjermundrod  
 * @version 1.0  
 */
```

```
// Standard java packages.
```

```
import java.util.Vector;
```

```
public interface HolderBaseGroupInterface
```

```
{  
 /**  
 * The <code>getLatestValues</code> method is used to return a set of the latest values that is received for the subscriptions  
 * in the group.  
 * <BR>  
 * @return Returns a Vector of <code>HolderBase</code> that are the latest values received.  
 */  
 public Vector getLatestValues();  
  
 /**  
 * The <code>getLatestValues</code> method is used to return the latest n sets of values that is received for the subscriptions  
 * in the group.  
 * <BR>  
 * @param history Have many of the past sets of values should be returned.  
 * @return Returns a Vector of <code>HolderBase</code> that are the latest values received.  
 */  
 public Vector[] getLatestValues(int history);  
  
 /**  
 * The <code>getSubInterval</code> method is used to return the interval for the subscriptions in this group.  
 * <BR>  
 * @return Returns the interval for the subscriptions.  
 */  
 public int[] getSubInterval();  
  
 /**  
 * The <code>getModes</code> method is used to return the mode for the subscriptions in this group.  
 * <BR>  
 * @return Returns the mode for the subscriptions.  
 */  
 public int getModes();  
  
 /**  
 * The <code>getPriority</code> method is used to return the priority for the subscriptions in this group.  
 * <BR>  
 * @return Returns the priority for the subscriptions.  
 */  
 public short[] getPriority();  
  
 /**  
 * The <code>getGroupName</code> method is used to return the name of this subscriptions group.  
 * <BR>  
 * @return Returns the name of this subscription group.  
 */  
 public String getGroupName();  
  
 /**  
 * The <code>eventReceived</code> method is used to be informed that a variable that we subscribe to has received an event.  
 * <BR>  
 * @param holder The holder for the variable that got a new event.  
 * @throws java.lang.InterruptedException If the thread is interrupted while executing this method.  
 */  
 public void eventReceived(HolderBaseInterface holder) throws InterruptedException;  
}
```