

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

```
/**
```

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

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

```
import java.net.*;
```

```
// GridStat packages.
```

```
import edu.wsu.gridstat.router.common.EventHolder;
```

```
public interface OutInterface
```

```
{
```

```
 /**
```

```
 * The <code>pushAlertEvent</code> method is used to send an alert event using this channel.  
 * <BR>  
 * @param event The event to be sent.  
 * @return Returns <code>>true</code> if the event will be sent, <code>>false</code> otherwise i.e. it will be dropped.  
 */
```

```
public boolean pushAlertEvent(EventHolder event);
```

```
 /**
```

```
 * The <code>pushAlertEvent</code> method is used to send an alert event using this channel.  
 * <BR>  
 * @param event The event to be sent.  
 * @param fromAdr The address where this alert came from, we don't want to  
 * send it back again.  
 * @return Returns <code>>true</code> if the event will be sent, <code>>false</code> otherwise i.e. it will be dropped.  
 */
```

```
public boolean pushAlertEvent(EventHolder event, SocketAddress fromAdr);
```

```
 /**
```

```
 * The <code>pushEvent</code> method is used to send a event using this channel.  
 * <BR>  
 * @param event The event to be sent.  
 * @param priority The priority of the event.  
 * @return Returns <code>>true</code> if the event will be sent, <code>>false</code> otherwise i.e. it will be dropped.  
 */
```

```
public boolean pushEvent(EventHolder event, int priority);
```

```
 /**
```

```
 * The <code>getLevel</code> method is used to get the level of this link, i.e. how far up the hierarchy have to be  
 * traversed to find the parent.  
 * <BR>  
 * @return Returns the level of this link.  
 */
```

```
public int getLevel();
```

```
}
```