

```

/**
 * The <code>createGroupSubscription</code> method is used to subscribe to a status variable of type int that will be added to a group.
 * The leaf QoS broker will set up an path so that we will receive the latest value of the variable.
 * <BR>
 * @param groupName The name of the group to be created.
 * @param history How many values should be held for each variable in the history.
 * @param modes The modes that this subscription will be valid in.
 * @param subInterval The interval that we wish to receive the events.
 * @param priority The priority of the subscription.
 * @return Returns the created group, null if it already existed.
 */
public HolderBaseGroupInterface createGroupSubscription(String groupName, int history, int modes, int[] subInterval, short[] priority);

/**
 * The <code>removeGroupSubscription</code> method is used to remove one of the group subscriptions that we have.
 * <BR>
 * @param groupName The name of the group to be removed.
 * @return returns <code>>true</code> if the subscription is removed, <code>>false</code> otherwise.
 */
public boolean removeGroupSubscription(String groupName);

/**
 * The <code>subscribeIntForGroup</code> method is used to subscribe to a status variable of type int that will be added to a group.
 * The leaf QoS broker will set up an path so that we will receive the latest value of the variable.
 * <BR>
 * @param groupName The name of the group where the subscription will belong.
 * @param publisherName The name of the publisher.
 * @param variableName The name of the variable to be subscribed to.
 * @param latency The latency that we would like for this subscription.
 * @param redundancy The redundancy that we would like for this subscription.
 * @return Returns true if message is subscribed to, false otherwise.
 */
public short subscribeIntForGroup(String groupName, String publisherName, String variableName, short[] latency, short[] redundancy);

/**
 * The <code>subscribeFloatForGroup</code> method is used to subscribe to a status variable of type float that will be added to a group.
 * The leaf QoS broker will set up an path so that we will receive the latest value of the variable.
 * <BR>
 * @param groupName The name of the group where the subscription will belong.
 * @param publisherName The name of the publisher.
 * @param variableName The name of the variable to be subscribed to.
 * @param latency The latency that we would like for this subscription.
 * @param redundancy The redundancy that we would like for this subscription.
 * @return Returns true if message is subscribed to, false otherwise.
 */
public short subscribeFloatForGroup(String groupName, String publisherName, String variableName, short[] latency, short[] redundancy);

/**
 * The <code>subscribeBooleanForGroup</code> method is used to subscribe to a status variable of type boolean that will be added to a
 * group. The leaf QoS broker will set up an path so that we will receive the latest value of the variable.
 * <BR>
 * @param groupName The name of the group where the subscription will belong.
 * @param publisherName The name of the publisher.
 * @param variableName The name of the variable to be subscribed to.
 * @param latency The latency that we would like for this subscription.
 * @param redundancy The redundancy that we would like for this subscription.
 * @return Returns true if message is subscribed to, false otherwise.
 */
public short subscribeBooleanForGroup(String groupName, String publisherName, String variableName, short[] latency, short[] redundancy);

/**
 * The <code>subscribeUserDefinedForGroup</code> method is used to subscribe to a status variable of type UserDefined that will be added
 * to a group. The leaf QoS broker will set up an path so that we will receive the latest value of the variable.
 * <BR>
 * @param groupName The name of the group where the subscription will belong.
 * @param publisherName The name of the publisher.
 * @param variableName The name of the variable to be subscribed to.
 * @param latency The latency that we would like for this subscription.
 * @param redundancy The redundancy that we would like for this subscription.
 * @param holderObject The object of user defined type where the values will be stored.
 * @param userType The type of the object that the user have defined.
 * @return Returns true if message is subscribed to, false otherwise.
 */
public short subscribeUserDefinedForGroup(String groupName, String publisherName, String variableName, short[] latency,
                                         short[] redundancy, HolderUserDefinedInterface holderObject, int userType);

/**
 * The <code>unsubscribeForGroup</code> method is used to unsubscribe from one of the variables that we been subscribed to for this group.
 * <BR>
 * @param groupName The name of the group where the subscription belong.
 * @param publisherName The name of the publisher.
 * @param variableName The name of the variable subscribed to.
 * @return Returns <code>0</code> if message is unSubscribed to, error code
 * otherwise.
 */
public short unsubscribeForGroup(String groupName, String publisherName, String variableName);
}

```