```java
package edu.wsu.gridstat.publisher.interfaces;

/**
 * <p>Title: DVUserDefinedInterface </p>
 * <p>Description: </p>
 * <p>Copyright: Copyright (c) 2005</p>
 * <p>Company: Washington State University </p>
 * @author Kjell Harald Gjermundrod
 * @version 1.0
 */
public abstract interface DVUserDefinedInterface extends DVBaseInterface
{
  /**
   * The <code>getRealType</code> method is used to return the real data type of this variable.
   * <BR>
   * @return Returns the real type of this variable.
   */
  public int getRealType();

  /**
   * The <code>pubSetValue</code> method is used by the publisher to set a new value that is being published.
   * <BR>
   * @param value The value that is being published.
   * @return Returns the current pattern for this variable.
   */
  public abstract byte[] pubSetValue(int value);

  /**
   * The <code>pubSetValue</code> method is used by the publisher to set a new value that is being published.
   * <BR>
   * @param value The value that is being published.
   * @return Returns the current pattern for this variable.
   */
  public abstract byte[] pubSetValue(float value);

  /**
   * The <code>pubSetValue</code> method is used by the publisher to set a new value that is being published.
   * <BR>
   * @param value The value that is being published.
   * @return Returns the current pattern for this variable.
   */
  public abstract byte[] pubSetValue(boolean value);

  /**
   * The <code>pubSetValue</code> method is used by the publisher to set a new value that is being published.
   * <BR>
   * @param value The value that is being published.
   * @return Returns the current pattern for this variable.
   */
  public abstract byte[] pubSetValue(byte[] value);
}
```