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

/**
 * <p>Title: ExtrapolationInterface</p>
 * <p>Description: </p>
 * <p>Copyright: Copyright (c) 2004</p>
 * <p>Company: Washington State University</p>
 * @author Kjell Harald Gjermundrod
 * @version 1.0
 */
public abstract interface ExtrapolationInterface
{
  /**
   * The <code>extrapolateValue</code> method is used to extrapolate the next value in the incomming sequence.
   * <BR>
   * @param xVal The array of xcoordinates
   * @param yVal The array of sample y coordinates.
   * @throws Exception Throws <code>Exception</code> if the calculation doesn't work.
   * @return Returns The extrapolated value.
   */
  public abstract double extrapolateValue(double[] xVal, double[] yVal) throws Exception;
}


package edu.wsu.gridstat.subscriber.interfaces;

/**
 * <p>Title: HolderIntExtrapolationInterface</p>
 * <p>Description: </p>
 * <p>Copyright: Copyright (c) 2002</p>
 * <p>Company: Washington State University</p>
 * @author Kjell Harald Gjermundrod
 * @version 1.0
 */
public interface HolderIntExtrapolationInterface extends HolderIntInterface
{
  /**
   * The <code>extrapolateValue</code> method is used to extrapolate a missed value for values already received.
   * <BR>
   * @param sentTime The time that this event is supposed to be sent.
   * @param receivedTime The time that this event is created/extrapolated.
   * @return Returns <code>true</code> if a value could be extrapolated, <code>false</code> otherwise.
   */
  public boolean extrapolateValue(long sentTime, long receivedTime);
}


package edu.wsu.gridstat.subscriber.interfaces;

/**
 * <p>Title: HolderFloatExtrapolationInterface</p>
 * <p>Description: </p>
 * <p>Copyright: Copyright (c) 2002</p>
 * <p>Company: Washington State University</p>
 * @author Kjell Harald Gjermundrod
 * @version 1.0
 */

public interface HolderFloatExtrapolationInterface extends HolderFloatInterface
{
  /**
   * The <code>extrapolateValue</code> method is used to extrapolate a missed value for values already received.
   * <BR>
   * @param sentTime The time that this event is supposed to be sent.
   * @param receivedTime The time that this event is created/extrapolated.
   * @return Returns <code>true</code> if a value could be extrapolated, <code>false</code> otherwise.
   */
  public boolean extrapolateValue(long sentTime, long receivedTime);
}
```