001/\*  
002 \* Licensed to the Apache Software Foundation (ASF) under one or more  
003 \* contributor license agreements. See the NOTICE file distributed with  
004 \* this work for additional information regarding copyright ownership.  
005 \* The ASF licenses this file to You under the Apache License, Version 2.0  
006 \* (the "License"); you may not use this file except in compliance with  
007 \* the License. You may obtain a copy of the License at  
008 \*  
009 \* http://www.apache.org/licenses/LICENSE-2.0  
010 \*  
011 \* Unless required by applicable law or agreed to in writing, software  
012 \* distributed under the License is distributed on an "AS IS" BASIS,  
013 \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
014 \* See the License for the specific language governing permissions and  
015 \* limitations under the License.  
016 \*/  
017package org.apache.commons.collections4.sequence;  
018  
019import java.util.List;  
020  
021/\*\*  
022 \* This interface is devoted to handle synchronized replacement sequences.  
023 \*  
024 \* @see ReplacementsFinder  
025 \* @since 4.0  
026 \*/  
027@FunctionalInterface  
028public interface ReplacementsHandler<T> {  
029  
030 /\*\*  
031 \* Handle two synchronized sequences.  
032 \* <p>  
033 \* This method is called by a {@link ReplacementsFinder ReplacementsFinder}  
034 \* instance when it has synchronized two sub-sequences of object arrays  
035 \* being compared, and at least one of the sequences is non-empty. Since the  
036 \* sequences are synchronized, the objects before the two sub-sequences are  
037 \* equals (if they exist). This property also holds for the objects after  
038 \* the two sub-sequences.  
039 \* <p>  
040 \* The replacement is defined as replacing the <code>from</code>  
041 \* sub-sequence into the <code>to</code> sub-sequence.  
042 \*  
043 \* @param skipped number of tokens skipped since the last call (i.e. number of  
044 \* tokens that were in both sequences), this number should be strictly positive  
045 \* except on the very first call where it can be zero (if the first object of  
046 \* the two sequences are different)  
047 \* @param from sub-sequence of objects coming from the first sequence  
048 \* @param to sub-sequence of objects coming from the second sequence  
049 \*/  
050 void handleReplacement(int skipped, List<T> from, List<T> to);  
051  
052}