Syntax Coloring Between C and Java: A JNI Approach (Outline)

1. Initial Stage
   a. Sending Text from Java to C
      i. Calling C Functions in Java
   b. Parsing
   c. Storing Token Information

2. JNI Method Calls in C
   a. Obtaining a Java class and Java methods
      i. FindClass(..)
      ii. GetMethodID(..)
   b. Creating Java Object and Object Array
      i. NewObjectArray(..)
      ii. NewObject(..)
   c. Assigning Appropriate Values to Array Objects

3. Coloring From Eclipse Side
   a. Coloring Location
      i. Repair class
   b. How To
      i. Modify Text Presentation
      ii. Change Color Attribute Object(StyleRange)

4. Future Goals and Tactics
   a. Next Goal for Research Project
      i. Changes to Current Implementation
      ii. Errors

5. Questions?