

ConceptResolution 6.0 Snippet

Java Code Snippet

```
// Create a basic service object for data retrieval
LexBIGServiceImpl lbs = LexBIGServiceImpl.defaultInstance();

// Create a list of unique references (concept codes) for this coding scheme.
// Parameters:
//     A String array initialized with a single concept code
//     The name of the target Coding Scheme.
ConceptReferenceList crefs = ConvenienceMethods.createConceptReferenceList(
    new String[], SAMPLE_SCHEME);

// Initialize a coding scheme version object the version of the
// sample scheme.
CodingSchemeVersionOrTag csvt = new CodingSchemeVersionOrTag();
csvt.setVersion(VERSION);

// Initialize a CodedNodeSet Object with all possible concepts in our sample coding
// scheme, then restrict the node set to a single node using restrictToCodes(crefs)
CodedNodeSet nodes = lbs.getCodingSchemeConcepts(SAMPLE_SCHEME, csvt).
    restrictToCodes(crefs);

// Build a potential list of references from the current (and already restricted) set
// and restrict them to the single property name "textualPresentation" and
// allow the list a size of 1.
ResolvedConceptReferenceList matches = nodes.resolveToList(
    null, ConvenienceMethods.createLocalNameList("textualPresentation"), null, 1);

// Check the list size to see if any references are returned. If true
// get the only referenced entity in the list and print out it's "presentation"
// or textual representation.
if(matches.getResolvedConceptReferenceCount() > 0)
{
    ResolvedConceptReference ref = (ResolvedConceptReference)matches.
        enumerateResolvedConceptReference().nextElement();
    Entity entry = ref.getReferencedEntry();
    System.out.println("Matching Name: " +
        entry.getPresentation(0).getValue().getContent() );
}
```