

Search By FULL_SYN Snippet

Java Code Snippet

```
public void testFullSynBySource(){
    try {
        String searchTerm = "gene";
        CodedNodeSet nodeSet = lbSvc.getNodeSet("HUBt", null, null);

        //Tell the api that you want to search only the PRESENTATION type
        CodedNodeSet.PropertyType[] types = new CodedNodeSet.PropertyType[1];
        types[0] = CodedNodeSet.PropertyType.PRESENTATION;

        //Only want to search properties with a source entry of "CAHUB"
        LocalNameList sourceLnL = new LocalNameList();
        sourceLnL.addEntry("CAHUB");

        //Only want to search properties with the property name of "FULL_SYN"
        LocalNameList propLnL = new LocalNameList();
        propLnL.addEntry("FULL_SYN");

        nodeSet = nodeSet.restrictToMatchingProperties(propLnL, types, sourceLnL, null, null,
searchTerm, LBConstants.MatchAlgorithms.contains.name(), null);

        ResolvedConceptReferenceList rcl = nodeSet.resolveToList(null, null, null, 100);
        int count = rcl.getResolvedConceptReferenceCount();

        //Now iterate through the returned entities and display the FULL_SYN PT property with source=CAHUB
        for (int i=0; i<rcl.getResolvedConceptReferenceCount();i++){
            ResolvedConceptReference rcr = rcl.getResolvedConceptReference(i);
            Entity entity = rcr.getReferencedEntry();
            Presentation[] presProps = entity.getPresentation();
            for(int y=0;y<presProps.length;y++){
                Presentation pres = presProps[y];
                if(pres.getPropertyName().equals("FULL_SYN")&& pres.
getRepresentationalForm().equals("PT") && pres.getSource().getContent().equals("CAHUB")){
                    System.out.println(pres.getValue().getContent());
                }
            }
        }

        } catch (IndexOutOfBoundsException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        } catch (LBInvocationException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        } catch (LBParameterException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        } catch (LBException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
    }
}
```