Install srcML (Clone srcML repo, Used the following commands to install: cmake ., make, make install, srcml --version).

# Convert from a source file to srcML

srcml main.cpp -o main.cpp.xml

# Convert from srcML back to source code

srcml main.cpp.xml -o main.cpp

# Convert a code fragment to srcML

srcml --text="int a = b;" -l C++ -o fragment.cpp.xml

# Convert entire project to srcML

srcml --verbose project -o project.xml

The src namespace is used to maintain the integrity and structure of the source code when it's converted into XML

XQUERY commands:

1. First convert from .cc to .xml:

**srcml main.cpp -o main.cpp.xml**

1. **brew install xmlstarlet** (Install xmlstarlet)
2. **xmlstarlet** sel -N src=http://www.srcML.org/srcML/src -t -v '//src:if[.//src:if]' -n path/to/xmlfile/\*.xml**(Gives me all nested blocks)**