
```
1 # retrieve validity interval
2 [start, end] = tripleToAdd.validity
3 if tripleToAdd containsOneOrMore blankNode
4     # generate URI for blank-node
5     tripleToAdd = convertBlankToURI(tripleToAdd)
6 endif
7 # if no named graph for the interval exists then make one
8 if !namedGraph[start, end].exists
9     create new namedGraph[start, end]
10    # add the new named graph to directory in default graph
11    namedGraph.defaultGraph += namedGraph[start, end].temporalInfo
12 endif
13 namedGraph[start, end] += tripleToAdd
```

Listing 1. Pseudo Code for an insert operation into a temporal graph