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graph TD; A([Read TU file]) --> B{{Find nodes for classes/routines}}; B --> C([Resolve nodes and data types into R-level descriptions.]); C --> D([Create R & C/C++ code for routines, classes & data structures]); D --> E([Write code to files or R objects]);
```

Read TU file

parseTU()

Find nodes for
classes/routines

getRoutines()
getClassNodes()

Resolve nodes and
data types into R-
level descriptions.

DefinitionContainer()
resolveType()

Create R & C/C++
code
for routines,
classes & data
structures

createMethodBinding()
generateStructureInterface()

Write code to
files or R objects

writeCode()