

```
// set the units
Step::RefPtr<Ifc2x3::IfcUnitAssignment> theProjectUnits =
    mDataSet->createIfcUnitAssignment();
Step::RefPtr< Ifc2x3::IfcUnit > unitSelect = new Ifc2x3::IfcUnit();
Step::RefPtr< Ifc2x3::IfcSIUnit > unit = mDataSet->createIfcSIUnit();
unit->setUnitType(Ifc2x3::IfcUnitEnum_LENGTHUNIT);
unit->setName(Ifc2x3::IfcSIUnitName_METRE);
unitSelect->setIfcNamedUnit(unit.get());
theProjectUnits->getUnits().insert(unitSelect);
theProject->setUnitsInContext(theProjectUnits);
```