

package OCLDiagrams [ OCLEnterpriseReport]

EnterpriseReport

+addStation(station : Station, report : StationReport)
+getStations() : Station [*]
+addFailedStation(station : Station)

{post: reports.get(station) <> null and
reports.get(station) = report and
reports->includesAll(reports@pre) and
report->size() = reports@pre->size() + 1
}

{ query
post: result->includesAll(failedStations) and
result-> includesAll(reports.keySet()) and
result->size() = reports->size() + failedStation->size()
}

{post: failedStations =
failedStations@pre->including(station)
}