Metro Madness Domain Model V1

Line

name
colour

Station

name
max passengers

Platform

maximum passengers

Train

maxPassengers
direction
speed

Track

maxPassengers
direction
speed

Passenger

name

Line 1 travels on 1 Train

Line ◆ — 1 Station

Station 1 enters / leaves 1..* Train

Train 1 drives on 1 Track

Track 1 serves 1 Platform

Station ◆ — 1 Platform

Station 1 departed 1..* Passenger

Station 1 destination 1..* Passenger

Train 1 travels on 1..* Passenger