

Editor

```

p = defn cell
  vol compartment;
  var Xo, S1, S2, S3, X1;

  J1: Xo -> S1; k1 * Xo;
  J2: S1 -> S2; k2 * S1;
  J3: S2 -> S3; k3 * S2;
  J4: S3 -> X1; k4 * S3;
end;

```

```

p.Xo = 1;
p.X1 = 0;
p.S1 = 0;
p.S2 = 0.0;
p.S3 = 0.0;
p.k1 = 0.1;
p.k2 = 0.35;
p.k3 = 0.8;
p.k4 = 0.05;

m = p.sim.eval (0, 50,
graph (m);

```

Console

```

Ok
->

```

