adaptive [only 1 child per node]
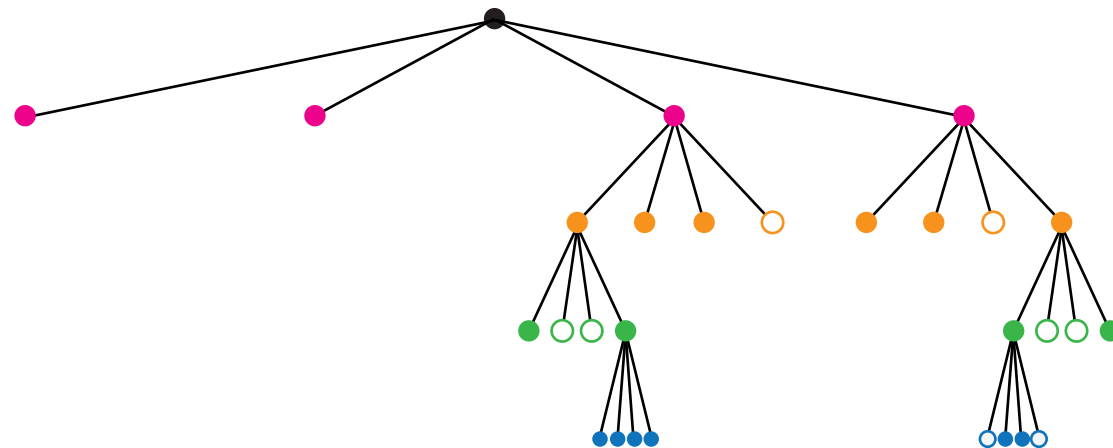
dynamic [has level limit, could have more than 1 childdren]