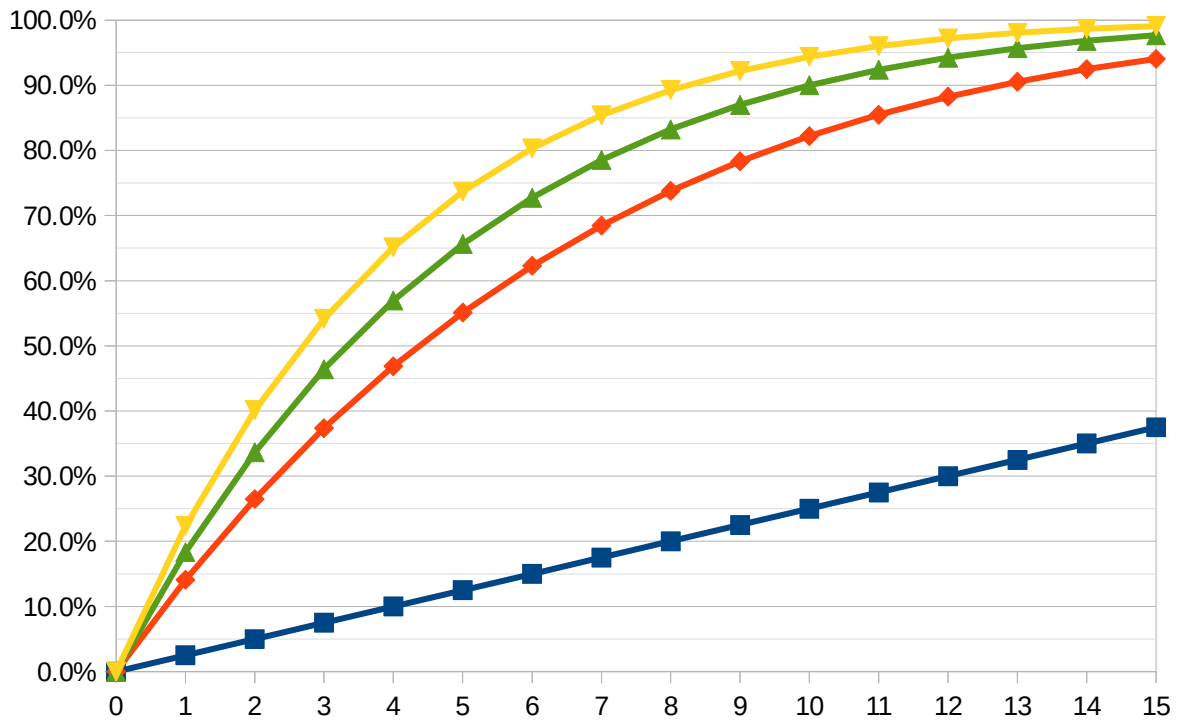


coverage

packages in repository R 20000
 mean daily rate D 500

parallel running images	N	old box (max)	new box (curr)	new box (max)	
	1	6	8	10	
day	0	0.0%	0.0%	0.0%	0.0%
	1	2.5%	14.1%	18.3%	22.4%
	2	5.0%	26.5%	33.7%	40.1%
	3	7.5%	37.4%	46.4%	54.1%
	4	10.0%	46.9%	57.0%	65.1%
	5	12.5%	55.1%	65.6%	73.7%
	6	15.0%	62.3%	72.8%	80.3%
	7	17.5%	68.5%	78.5%	85.4%
	8	20.0%	73.8%	83.2%	89.3%
	9	22.5%	78.3%	87.0%	92.2%
	10	25.0%	82.2%	90.0%	94.4%
	11	27.5%	85.5%	92.4%	96.0%
	12	30.0%	88.2%	94.2%	97.2%
	13	32.5%	90.5%	95.7%	98.0%
	14	35.0%	92.5%	96.8%	98.7%
	15	37.5%	94.0%	97.7%	99.1%
	40	100.0%	100.0%	100.0%	100.0%

coverage = $1 - (1 - \text{day} * D/R)^N$



coverage