

coverage

packages in repository
(except "base" system) R 17000
effective mean daily rate
(after "base" system is emerged) D 450

parallel running image(s) "base" system needs to be emerged	N	day		
		1	7	16
1		0.0%	0.0%	0.0%
2		0.0%	0.0%	0.0%
3		2.6%	17.1%	34.9%
4		5.3%	31.7%	58.1%
5		7.9%	44.0%	73.4%
6		10.6%	54.3%	83.3%
7		13.2%	63.0%	89.7%
8		15.9%	70.2%	93.7%
9		18.5%	76.2%	96.2%
10		21.2%	81.1%	97.8%
11		23.8%	85.1%	98.7%
12		26.5%	88.4%	99.3%
13		29.1%	91.0%	99.6%
14		31.8%	93.1%	99.8%
15		34.4%	94.8%	99.9%
16		37.1%	96.1%	99.9%

$$\text{coverage} = 1 - (1 - (\text{day} - 2) * D / R)^N$$

