

coverage

packages in repository
(except "base" system) R 17000
effective mean daily rate
(after "base" system is emerged) D 600

parallel running images	N	1	6	9	12
"base" system needs to be emerged	day				
"	1	0.0%	0.0%	0.0%	0.0%
"	2	0.0%	0.0%	0.0%	0.0%
"	3	0.0%	0.0%	0.0%	0.0%
	4	3.5%	19.4%	27.6%	35.0%
	5	7.1%	35.5%	48.3%	58.5%
	6	10.6%	48.9%	63.5%	73.9%
	7	14.1%	59.9%	74.6%	83.9%
	8	17.6%	68.8%	82.6%	90.3%
	9	21.2%	76.0%	88.3%	94.2%
	10	24.7%	81.8%	92.2%	96.7%
	11	28.2%	86.3%	95.0%	98.1%
	12	31.8%	89.9%	96.8%	99.0%
	13	35.3%	92.7%	98.0%	99.5%
	14	38.8%	94.8%	98.8%	99.7%
	15	42.4%	96.3%	99.3%	99.9%
	16	45.9%	97.5%	99.6%	99.9%

$$\text{coverage} = 1 - (1 - (\text{day} - 3) * D / R)^N$$

