Answer on Question #73687 - Algorithms

$$C_{2} = C_{1} + log2 = log2,$$

$$C_{4} = log2 + log4,$$

$$C_{8} = log2 + log4 + log8,$$
...
$$= > C_{n} = log2(1 + 2 + \dots + log_{2}n),$$

$$C_{n} = log2(1 + log_{2}n) \frac{log_{2}n}{2}.$$

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