

Algorithm to generate prime number from fix SERIAL

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Hi,

I'm searching for an algorithm doing this:

- Generate from a fix-length SERIAL number a prime number.
- Nearly every SERIAL should produce an other prime number.
- Every time one SERIAL must produce the same prime number.

My problem is the efficiency of the algorithm:

It should be very fast and use only a small memory size.

Who can help or gimme links to this problem ?!

Thanx

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-- Mit freundlichen Grüßen -- Konrad Herrmann

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