Generating a date series

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Simple date series:

```
select
series + date '2003-01-01' as myDate
from generate_series(0,6000) as series;
```

Example query:

```
select md5(a.henkilotunnus),
p.palvelu_numero,
a.syntymaaika_pvm::date as birth,
a.kuolinaika_pvm::date as death,
alkuhetki_pvm::date as ward_start,
alkuhetki_pvm::date + date_series as ward_date,
loppuhetki_pvm::date as ward_end,
vo_toimipiste_koodi as unit_code,
yksikko_nimi as unit_name,
case when alkuhetki_pvm::date <= kuolinaika_pvm::date
  and kuolinaika_pvm::date <= loppuhetki_pvm::date
    then 1
    else 0 end
as died_on_this_ward

from stage_uraods.mv_palvelu as p
inner join stage_uraods.v_asiakas as a on p.henkilotunnus = a.henkilotunnus
, generate_series(0,6000) as date_series
where palvelumuoto = 'osastohoito'
-- include only dates that are between the ward start and end dates
and alkuhetki_pvm::date + date_series <= loppuhetki_pvm::date
and md5(a.henkilotunnus) = 'e1db13203ed29aa030b305745e7f223c'
order by p.palvelu_numero, ward_date;
```