GENETICS

GEO IP IDENTIFICATION

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The Geo IP database is available at Maxmind and allows to trace your home city from IP addresses. Here is a quick and dirty script to upload the Geo IP data into MySQL:

|wj_geo.cmd|

I would also put an index on loc_id. Finally the database should be available as

```
SELECT city
FROM GeoLiteCity INNER JOIN GeoLiteCityBlocks ON GeoLiteCity.locID =
GeoLiteCityBlocks.locID
WHERE $myIP >= startIpNum AND $myIP <= endIpNum;
```

where $myIP is calculated as

```
substr($_SERVER['REMOTE_ADDR'],0,3) * 16777216 +
substr($_SERVER['REMOTE_ADDR'],4,3) * 65536 +
substr($_SERVER['REMOTE_ADDR'],8,3) * 256 +
substr($_SERVER['REMOTE_ADDR'],12,3)
```