

Ideas for genomics project: filter out what is not needed [SafeGenome\GenomeReductor].

In a series of posts tagged with [ideas-for-genomics-project](http://scalaakka.blogspot.com/search/label/ideas-for-genomics-project) [http://scalaakka.blogspot.com/search/label/ideas-for-genomics-project] I am describing ideas for business that can be build in area of genomics. If you like those ideas and you would like to join as an investor, co-founder or consultant please contact me at LinkedIn [https://pl.linkedin.com/pub/artur-stanek/a5/643/691] or just drop me an email, stanek.artur@gmail.com [mailto:stanek.artur@gmail.com] .

You may be also interested to check previous post "Store and manage genomic files in a safe way" [http://scalaakka.blogspot.com/2015/11/ideas-for-genomics-project-store-and.html] ", next post "Signing and identifying genome" [http://scalaakka.blogspot.com/2015/10/idea-1-for-genomics-project-signing-and.html] " or the bigger picture [http://scalaakka.blogspot.com/2015/10/ideas-for-genomics-project-diagram-of.html] .

Idea "GenomeReductor" is about filtering/reducing the genome file so it will contain only those areas that are needed to preform some analysis.

It is hard to have whole knowledge in all fields - that's why we like to be supported by professionals. Let's imagine that client would like to share genome file with third party company that provides interesting services. Risks are huge - will it be deleted right after analyse? Will it never leak to the Internet?

We can provide service for client to give her/him a control over what will be shared (as not the whole file is needed for some analysis).

Our website will allow manual filtering/reducing as well as automatic. First option will be good if you have an information what you don't want in your file - you can easily reduce the file, download it [*] and do something with it. Second option needs companies that are planning to provide analysis to cooperate; they will be asked to deliver 'reduction function' [**].

Let's imagine that company A is planning to offer genome analysing services: *Analyse1* and *Analyse2*. After delivering reduction functions (for each of them) clients will be able to buy their analysis straight from the website [***]. Client will be able to simply pick "reduce file by 17% for *Analyse1* at company A, click [here] to deliver file directly to company A or go to *GenomeBroker* [http://scalaakka.blogspot.com/search/label/GenomeBroker] to manage the file".

* - please check *GenomeBroker* [http://scalaakka.blogspot.com/search/label/GenomeBroker] for more details

** - companies that provides analysis over genomes knows the best what should be in the file to perform analyse; reduction function will be checked if it performs real reduction and not - for example - compression

*** - our website will offer dozens of services as a simple list

Posted 2nd November 2015 by [Artur Stanek \(kermidas\)](#)

Labels: [bioinformatics](#), [GenomeReductor](#), [genomics](#), [ideas-for-genomics-project](#), [non web find](#), [SafeGenome](#)



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