Ideas for genomics project: genome meta information [SafeGenome\GenomeMeta].

In a series of posts tagged with 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 "Option on your own genome [http://scalaakka.blogspot.com/2015/11/ideas-for-genomics-project-option-on.html] ", next post "Exchange genomes easily [http://scalaakka.blogspot.com/2015/11/ideas-for-genomics-project-exchange.html] " or the bigger picture [http://scalaakka.blogspot.com/2015/10/ideas-for-genomics-project-diagram-of.html] .

Idea "GenomeMeta" is about storing all additional data about genome that can complete its picture.

Genome by itself is very valuable but for analysis (especially those based on statistics) any additional data can be also very important.

GenomeMeta should provide an easy way [*] to collect and store that data within genome. Later it can become a valuable source for scientists by being open sourced and exchanged.

What can be those data? It can be anything [**], like for example: anything that wearables can give us [http://scalaakka.blogspot.com/2016/04/wearables-in-help-of-genome-analysis.html] . We shouldn't limit the future by doing any prediction right now.

Quality of meta data can be rated and commented.

* - for tracking who added what and when, for sharing by creating dedicated branches of the data on demand, GIT [https://en.wikipedia.org/wiki/Git_(software)] model may be used.

** - some of you might know that I am the nature lover and ambers collector [http://scalaakka.blogspot.com/2015/11/know-me-better-my-hobbies-collecting.html] , Baltic's ambers [https://en.wikipedia.org/wiki/Baltic_amber] are dated to be 40-60 million years old; during this year's trip to Krynica Morska [https://www.google.pl/maps/place/Portowa+26,+82-120+Krynica+Morska/@54.3813531,19.4253475,5376m/data=!3m1!1e3!4m5!3m4!1s0x46fd31188321d105:0x7ae104c63bdc6b64!8m2!3d54.38135!4d19.442857] and Piaski

[https://www.google.pl/maps/place/54%C2%B025'41.2%22N+19%C2%B035'51.4%22E/@54.4307792,19.5872705,2665m/data=!3m1!1e3!4m5!3m4!1s0x0:0x0!8m2!3d54.428102!4d19.597597] I've visited Malbork's Castle [https://en.wikipedia.org/wiki/Malbork_Castle] with its museum of ambers; as always my attention was stolen by ambers with inclusions [https://www.google.com/search?site=&tbm=isch&source=hp&biw=1920&bih=967&q=ambers+with+inclusions&oq=ambers+with+inclusions&gs_l=img.3...406.406.0.889.1.1.0.0.0.0.124.124.0j1.1.0....0...1ac.1.64.img..0.0.0.3bUhoQiJTCc] , you can feel the magic when looking at ~50mln years old creatures; such an inclusion, after sequencing, can be enriched by adding any possible information about the amber it was enclosed in

Posted 10th November 2015 by Artur Stanek (kermitas)

Labels: amber, Baltic, bioinformatics, GenomeMeta, genomics, GIT, ideas-for-genomics-project, Krynica Morska, Malbork, non web find, Piaski, SafeGenome

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