

生物信息学的例子

2015暑期学校

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南京大学生命科学学院

Outline

生命现象: 遗传与变异, 新陈代谢, 生长, 繁殖等.

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Figure 1. METHINKS IT IS LIKE A WEASEL

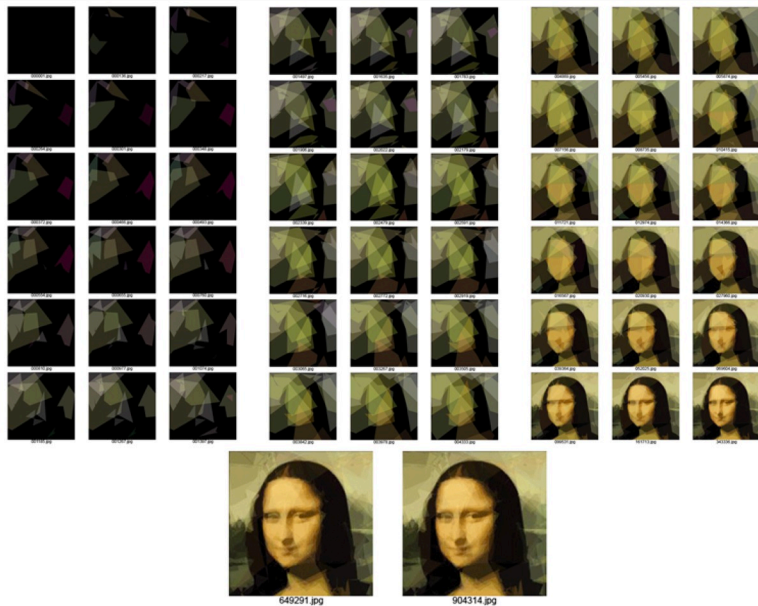



Figure 2. 遗传算法


不同的场景使用不同的语言, 工具.


- Perl: Komodo
- C: CLion
- Javascript: WebStorm
- R: RStudio
- Bash: Vim


操作系统, Windows, Mac & Linux
都有各自适用的范围.




[Pull requests](#) [Issues](#) [Gist](#)


 Contributions


 Repositories


 Public activity




Qiang Wang
wang-q


 Nanjing University


 Nanjing, China


 Joined on 5 Feb 2014

Popular repositories

 **alignDB**
Analyze the relationship between indels and substitutions in genomes

 **egavm**
Vagrant boxes for EGA.

 **AlignDB-Codon**
translate sequences and calculate Dn/Ds

 **egaz**
Full UCSC multiple genome alignments procedure


 **AlignDB-DeltaG**
Calculate deltaG of polymer DNA sequences

Figure 3. 学习与协作: github