Demo with CiSE

June 12, 2018

Introduction

I can write *anything* I like **here**. On the other hand, we **denounce** with righteous indignation and dislike men who are so beguiled and demoralized by the charms of pleasure of the moment, so blinded by desire, that they cannot foresee the pain and trouble that are bound to ensue; and equal blame belongs to those who fail in theirjnkdsanjadsnjandasnds dadas j duty through weakness of will, which is the same as saying through shrinking from toil and pain. These cases are perfectly simple and easy to distinguish. In a free hour, when our power of choice is untrammeled and when nothing prevents our being able to do what we like best, every pleasure is to be welcomed and every pain avoided. But in certain circumstances and owing to the claims of duty or the obligations of business it will frequently occur that pleasures have to be repudiated and annoyances accepted. The wise man therefore always holds in these matters to this principle of selection: he rejects pleasures to secure other greater pleasures, or else he endures pains to avoid worse pains. [1]

But I must explain to you how all this mistaken idea of. As discussed by [2]. No one rejects, dislikes, or avoids pleasure itself, because it is pleasure, but because those who do not know how to pursue pleasure rationally encounter consequences that are extremely painful. Nor again is there anyone who loves or pursues or desires to obtain pain of itself, because it is pain, but occasionally circumstances occur in which toil and pain can procure him some great pleasure. To take a trivial example, which of us ever undertakes laborious physical exercise, except to obtain some advantage from it? But who has any right to find fault with a man who chooses to enjoy a pleasure that has no annoying consequences, or one who avoids a pain that produces no resultant pleasure? This is shown in Figure 1.

Figure 1: Structural Variation Detected from Whole Genome Sequencing in 235 Individuals. Circos plot with concentric circles representing (from outermost to inner): ideogram of the human genome with colored karyotype bands (hg19), deletions, mobile element insertions (four different classes), tandem duplications, balanced inversions, complex structural variants (four different classes). Circles indicate the location of de novo SVs, and their colors match the five SV types. Arrows represent interchromosomal duplications.

LaTeX Mathematics

See how the **delimiters** are of reasonable size in these examples

$$(a + b) \left[1 - \frac{b}{a + b} \right] = a \,, \qquad (1)$$

$$\sqrt{|xy|} \leq \left| \frac{x + y}{2} \right| \,,$$

even when there is no matching delimiter

$$\int_a^b u\frac{d^2v}{dx^2}\,dx = u\frac{dv}{dx}\Big|_a^b - \int_a^b \frac{du}{dx}\frac{dv}{dx}\,dx.$$

Code snippets

```bash
#!/bin/bash

###### CONFIG
ACCEPTED_HOSTS="/root/.hag_accepted.conf"
BE_VERBOSE=false

if [ "$UID" -ne 0 ]
then
 echo "Superuser rights required"
 exit 2
fi

genApacheConf(){
 echo -e "# Host ${HOME_DIR}$1/$2 :"
}
```

References

[1]Q. Hu, N. A. Gumerov, R. Yokota, L. Barba, and R. Duraiswami, "Scalable Fast Multipole Accelerated Vortex Methods", in *2014 IEEE International Parallel & Distributed Processing Symposium Workshops*, 2014.

[2]L. A. Barba and O. U. V. Fuentes, "Lagrangian Flow Geometry of Tripolar Vortex", in *IUTAM Symposium on Hamiltonian Dynamics Vortex Structures, Turbulence*, Springer Netherlands, 2008, pp. 247–256.

Agent	Date Listed	Area	List Price	Bed-rooms	Baths	SqFt
Adams	39364	Central	199000	3	2.5	1510
Adams	39313	Central	214500	4	2.5	1862
Adams	39200	Central	265000	4	3	1905
Adams	39282	Central	268500	4	2.5	1911
Adams	39119	Central	273500	2	2	1552
Adams	39295	Central	309950	4	3	2800
Adams	39097	Central	325000	3	2.5	1752
Jenkins	39111	N. County	1200500	5	5	4696
Romero	39176	N. County	799000	6	5	4800
Hamilton	39137	N. County	425900	5	3	2414
Randolph	39196	N. County	405000	2	3	2444
Adams	39193	S. County	208750	4	3	2207
Shasta	39165	N. County	398000	4	2.5	2620
Kelly	39242	N. County	389500	4	2	1971
Shasta	39311	N. County	389000	4	3	3109
Adams	39239	N. County	379900	3	2.5	2468
Adams	39121	N. County	379000	3	3	2354
Robinson	39171	N. County	379000	4	3	3000
Barnes	39259	S. County	208750	4	2	1800
Bennet	39214	Central	229500	4	3	2041
Bennet	39211	Central	549000	4	3	1940
Shasta	39278	N. County	374900	4	3	3927
Lang	39205	N. County	369900	3	2.5	2030
Romero	39110	N. County	369900	4	3	1988
Bennet	39259	S. County	229900	3	2.5	1580
Chung	39271	Central	236900	3	2	1700
Chung	39321	Central	339900	4	2	2238
Chung	39193	Central	375000	4	3	2467