

Server side:

1. land1 is my web site provider. Linux hosting \$4.99/month. Link to www.land1.com to see more detail.
2. I will give designer all permissions to get into the site. You need to put the codes into and test it.
3. My main domain is godww.com, I will use the sub-domain, currency.godww.com for the new site
4. Also I will use a sub-folder, /currency for the new site. Every data in the new site will store under /currency. So you need to put your code under /currency.
5. You need to create a MySQL database. The MySQL database size is 100MB, I need to know after how many days the database will be full.
6. You need to get currency rate data per minutes from somewhere and store in database. You also need to stop get data when market is closed. Let me know where you will get data.

Client side:

In the client Browser, the main display is below:

I will type www.currency.godww.com to get into

Format:

	Time_0	Time_1			Time_2			Time_3			Time_4		
U/C	rate	rate	dif	t_dif									
E/U													
U/J													
G/U													
E/J													
E/G													
E/C													
G/J													
C/J													
G/C													

User can change time_0 ~ time_4 from **client browser**,

Time_0: default is current time or latest time, but user can change. For example, 12:23 5/11/2008

Time_1: default is 4 hour ago, but user can change. For example, 08:30 5/11/2008

Time_2: default is 1 day ago, but user can change. For example, 10:40 5/10/2008

Time_3: default is 1 week ago, but user can change. For example, 10:40 5/03/2008

Time_4: default is 1 month ago, but user can change. For example, 10:40 4/08/2008

E: EUR

U: USA

J: JPY

G: GBP

C: CAD

What is the data needed to be put into, for example,

	12:23 5/11/08	8:20 5/11/2008			12:00 5/10/2008			12:03 5/4/2008			12:23 4/10/2008		
U/C	23138	22138	100	#1	25138	-200		27138	-400		20138	300	
E/U	15432	15332	-100	#2	15532	100		16332	-900		15832	-400	
U/J	10362	10312	50	#3									
G/U	19482	19462	20	#4									
E/J	15956	15946	10	#5									
E/G	7893	7853	40	#6									
E/C	15520	15500	-20	#7									
G/J	20219	20234	-15	#8									
C/J	10283	10273	10	#9									
G/C	19656	19654	2	#10									

To save space, we just need use integer. For example, if we get $E/U = 1.5432$, store 15432 in database.

$E/G = 0.7893 \rightarrow$ just store 7893 in database.

In the table, U/C, 23138, 22138, 25138, 25138, 20138 are the real data got from MySQL database.

$100 = 23138 - 22138$, $-200 = 23138 - 25138$, $-400 = 23138 - 27138$, $300 = 23138 - 20138$

If the value is **positive**, use **red** color. If the value is **negative**, use **blue** color.

$U/C \#1 = E/C + U/J + G/C - E/U - C/J - G/U - 3 * U/C$

$= 100 + 50 + 2 - (-100) - 10 - 20 - 3 * 100$

$= -72$ (the value is **negative**, use **blue** color)

$E/U \#2 = E/C + E/J + E/G + G/U - U/C - U/J - 3 * E/U$

$U/J \#3 = E/J + G/J + C/J + U/C - E/U - G/U - 3 * U/J$

....

G/C #10 = will give you later