Question #65368, Economics / Economics of Enterprise

To what extent does PPP explain exchange rates? What is the relation between the two?

ANSWER: PPP is the level of exchange rate, which balances the consumption ability of each exchange rate. According to the conception of PPP, international competition will bring to the balance of the domestic and abroad prices of the goods and services participating in the international trade.

The situation when the level of inflation rate inside the country is higher than the outside inflation rate, the national currency will have a tendency of getting cheaper. The relation between PPP and exchange rate can be illustrated with help of the following formula:

$$\downarrow r = \frac{P_d}{P_f} \uparrow 1$$

where

 ${\bf r}$ is the price of the abroad currency in terms of national currency, ${\bf P_d}$ —is level of domestic prices, ${\bf P_f}$ —is the level of foreign prices.

Therefore, the arrows show that the rise of $\frac{P_d}{P_f}$ ratio will bring to compensating decline of the level of exchange rate!

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