3MAP3

- Exchange and re-exchange of two currencies for two different value dates.
- Unlike spot/Porward markets (outrights) which trade Riced amounts of the base currency, the swap market trades a fixed amount of either the terms (Foreign) currency or the base currency.
- Two dates it a swap: near date and for date.
- Dealers like to use common dutes (I ma . / 2mo.) as common market dutes have greater liquidity.
- Two kinds of Swaps:
 - (a). buy / sell swap: buy the fixed currency for the near date and sell it for the for date.
 - (b). sell/buy swap: sell the fixed currency for the near date and buy it for the for date.

VALUE DATES.

Short - Dated Swaps	Near Pale	Fardak
Tomomous/Next	Tomorow	Day after tomorrow.
Spot/Next	Spot	Day after spot.
Spot - a-week	Spot	Sameday in following week
Spot-two-necks	Spot	Some day two weeks later
forward Swaps	Near Date	for Dak.
Spot/forward	Spot	A straight furward date
Odd-dales	Spot	A non-straight forward date
Forward/Forward	A shaight found date	A Straight-forward date.
Long-dales	Spot	A forward date post 1 year.

Examples:

1. Near-date July 24th and fordate July 25th (boday July 23rd)
Short-dated; TOM next.

- 2. Near date Aug35th, fordate Sep 25th: Forward; Forward/Forward.
- 3. Near date July 25th, for date July 26th. Short-dated; Spot/Next.
- 4. Theoretake July 25th, for date Aug 27 next year. Forward; Long-dated.

BID - OFFER SPREADS.

- The spread refers to the forward purt of the swap.
- LHS is where MM buys base currency formed; RHS opposite.
 - e.g. 334-301 means MM buys-forward Sterling at spot less 0.0334 points, and will rell forward Sterling at spot less 0.0301 points.
- The spread is 33 points (0.0033)
- Example: a client wonts to buy/sell GBP vs. USD Feb 19, 2003 one-year forward to Feb 23, 2004.

The hader takes the opposite side of this transaction.

- Trader will Sell/Buy GBP/USD Feb 19, 2003 one-year forward to Feb 23, 2004
 i.e. Sell GBP/USD on Feb 19, 2003
 Buy GBP/USD on Feb 23, 2003.
- Say Feb 19 Spot @ 1.5975 and points are -334.
- This means trader will Sell GBP/USD@ 1.5975 on Feb.19, 2003

 Buy GBP/USD@ 1.5641 (1.5975 0.07334) on Feb 23, 2004.
- We use 334 points, not 301 paints, as trader will be buying at a lower rate using the former (1.5641) versus the latter, which would work out to be 1.5674 (1.5975 0.0301).

- Trader hicket looks like:

WE (+) USD Cutemor rate 1.5975 WE(-) GBP Feb 19,03

Points: -33+

WE(+) GBP

Take: 1.5641 WB(-1) USD Feb 24,04

Assume these rates prerail.

	Brorow/ "Bid"	Lend / "Offer".
Euro Sterling	9.0%	9.5%
Euro Dollar	7.0%	7.5%

- In the FX market, one buys and sells currency.
- In the Eurocumency market, one buys and lends.

Example:

- Assume MM does a sell/buy & swap.
- In a sell/buy & Swap, the MM buys & forward, so "sells" Sterling spot.
- This leaves MM short É "balances" for the period of the swap.
- A £ loon would produce the same result, so MM refers to is the offened side of the Euro E market i.e 9.5%
- MM is selling Sterling spot against dollars, so he is buying USD spot this leaves him long & balances, just as borrowing dollars would.
- Mm buys (bornows) dollors at a bid of 7%.
- The differential is 2.5%, 250 points where the mortest-maker will do a sell/buy Sterling smap.

Contersely:

- a buy/sell Sterling swap means market-maker is selling Sterling formed, so he is buying (borrowing) Sterling spot now and holding it for the period of the swap.
- the MM borrows Sterling against dollar spot, so he is naturally selling the dollar spot.
- He lends dollar on the offer @7.5%
- The differential is 1.5 % or 150 bps, which is where he will do a buy / sell stelling swap.

NO16:

- Buy (LHS) side of Suap is derived from the offened side of the Euromorket for the bose currency and bid side for the terms currency.
- Sell (RHS) from bid side of Euromorket for base currency and offered side for the terms currency.