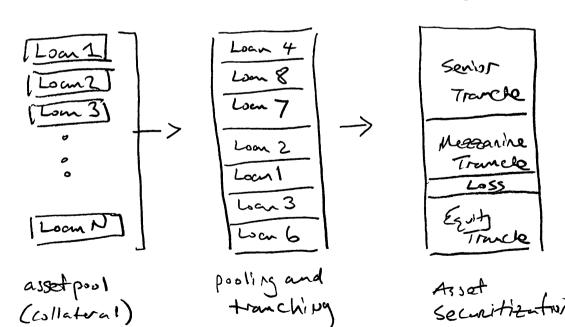
Credit Securitizations and Derivatures

- OTC muket instruments with exposures totaling 40 tillion USD
- Securitizations involve the sale of assets into bonkruptay-remote special purpose vehicles (SPV) which are funded by investors of different sensorities (trunches).
 - SEC defines Asset-Backed Securites (ABS) of financial instruments "that are backed by a discrete pool of self-liquidating financial assets."
 - Assets are:
 - -mortgages
 - student loons
 - credit cords
 - auto loans
 - home-equity loans
 - -etc.

these assets, the underlying cuset poul, also called the collateral, we dest instruments that are unable to be traded individually.



Asset securition tousints of thee generic transhe types:

- sensor trucke
- messazive trucke
- guily

offer the SPV or Orizonation (Sponson) will own put of securitization structure so as to signal the credit grality of the widerlying dest claims. Origination will typizally retain the guily tombre.

Existy Tranche => He first loss piece, since it covers first losses in the collectoral.

If losses of the collateral exceed the guilty trucke, then the mezzavive tuncke is imprired, and so on.

For sbordwather principles:

- serior truche is buffered by the mezzanire and quity truches
- mezzavive tamble is suffered by the early tamble
- courty trucke has no suffering

Most Msky - equity .

mezzanine

Lewst Msky - serior

Investors can choose their prepared MBK profile, such as

- -banks
- instruce companies
- hedge finds
- INVESTMENT banks

- Track investors receive a premium payment which is typizally paid greaterly and which is a compensation for the default 173K.
 - Payment Directions Premium Leg (pass-through structure)
 - Premium Leg - investors Mok premium paid by the Bover
 - raised from cash flows generated by the collateral through
 - interest payments and/or
 - lizvidation payments
 - premium payments follow the subordivator

then mezzavine

then equity

principle

- since the principle of 173k/reverd - premium payments are generally higher Au equity tamches
- Protection Leg (Controjent programts)
 - paid by investors to the pooled assets' counterparties in terms of a default event within the collateral to compensate for occurred losses.

In general, a defatt event is

- delayed or tailore interest payment
- liquidation.

Typically Credit Rating Azencres

- SEP
- Moody's
- Fitch

are the agencies that

- i) subordinate the asset pools
- 2) Typically, an investor can offer his/her profile the rish/remode and there se offered a trunche

Note:

Asset Pack Securities (ASS)

- Home-Eging Louis (HEL)
- Auto Loeng
- Credit Cord Receivasles
- Student Loans

Montgage-Bocked Securies (MBS)

- Connerval MBS (CMBJ)
- Residential MBS (RMBS)

Collatetenzed Dest Obligations (CDO)

- Collateralised Loan Osligations (CLO)
- Collateralised Bond Oslizations (CAO)

Montgage Becked Securities (MBS)

- A mortgage lown is a destinationents by which a borrower sizes the lender a lies on real property as security for repayment of the loan. The borrower has the use of the poperty and the hen is removed when the obligation is paid in full.
 - MBS are bonds that are secured by a collection of underlying mortgage locus. The mortgage pagments of the individual real estate are used to pay interest and principal on the bonds.
 - Three US Federal Housing Agencies account for nearly all the montgage pass-through Bounce in the US murtgage market.

Formal Name	Nichrane	Asb.	Esta Sisled	The the US Gut
Governed Nethonal Assocration	Ginnie Mac	Guma	1968	Scalcol Sy Ap full futbook US G. UF
Federal Natural Mortgege Assoc,	Fannê Me	FUMA	1938	Live of credit to the US Tsy.
Federal Home Loan Montgogo Consoration	Treddie Mac	FALMC	1970	Line of credit