## **OSD** Entities

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## **Entities:**

- Investor
  - Methods:
    - purchaseBond
    - getPayout
- Bond
  - Attributes
    - Term
    - Coupon
    - Frequency of payment
    - Purchase date
    - Name
    - Price
    - Value
    - Internal rate of return
    - Macaulay duration
  - o Methods:
    - getInternalRateOfReturn
    - getDuration
    - getValue
    - getPayout