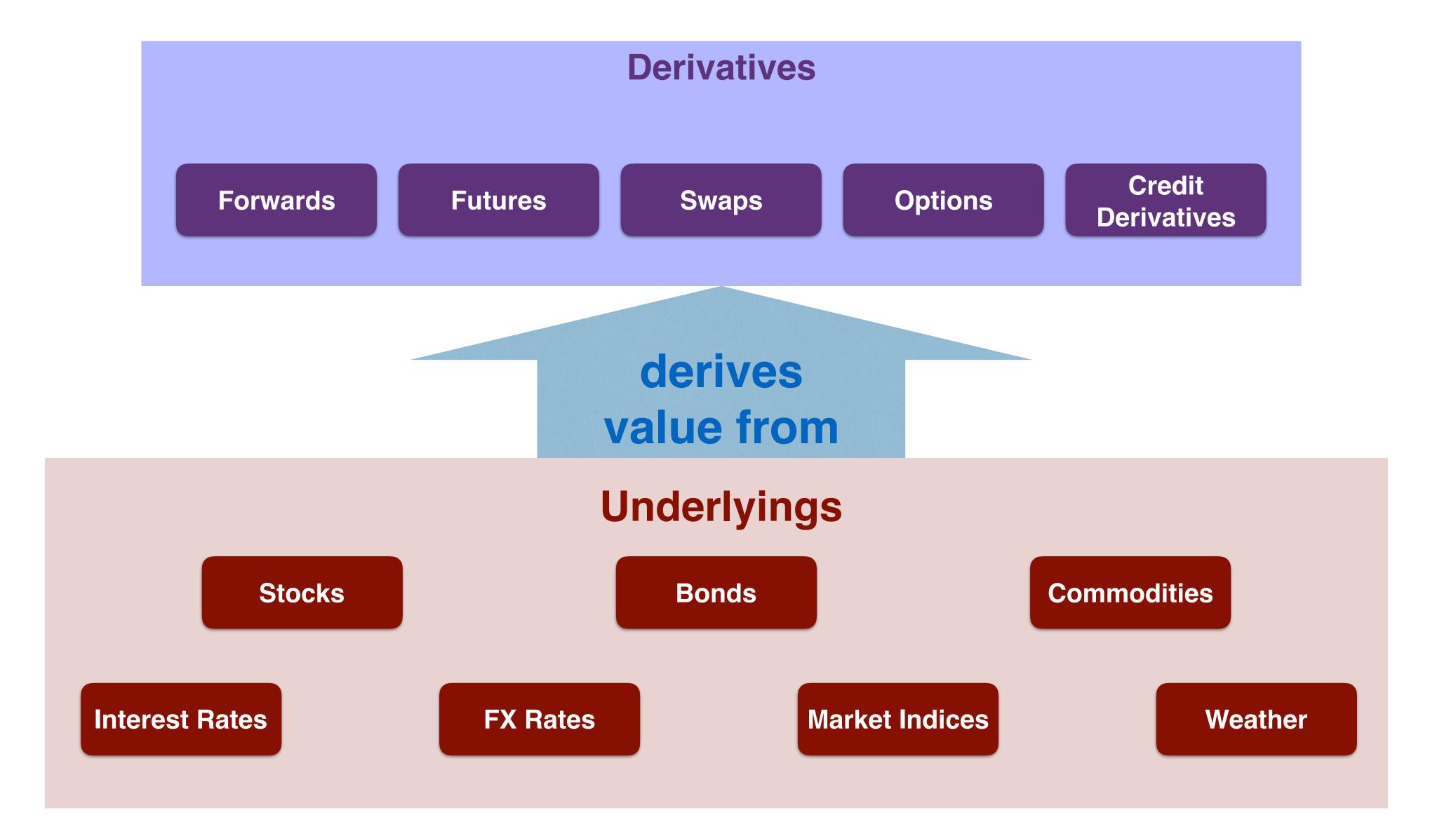




Definition
Derivative Markets
Types of Derivatives

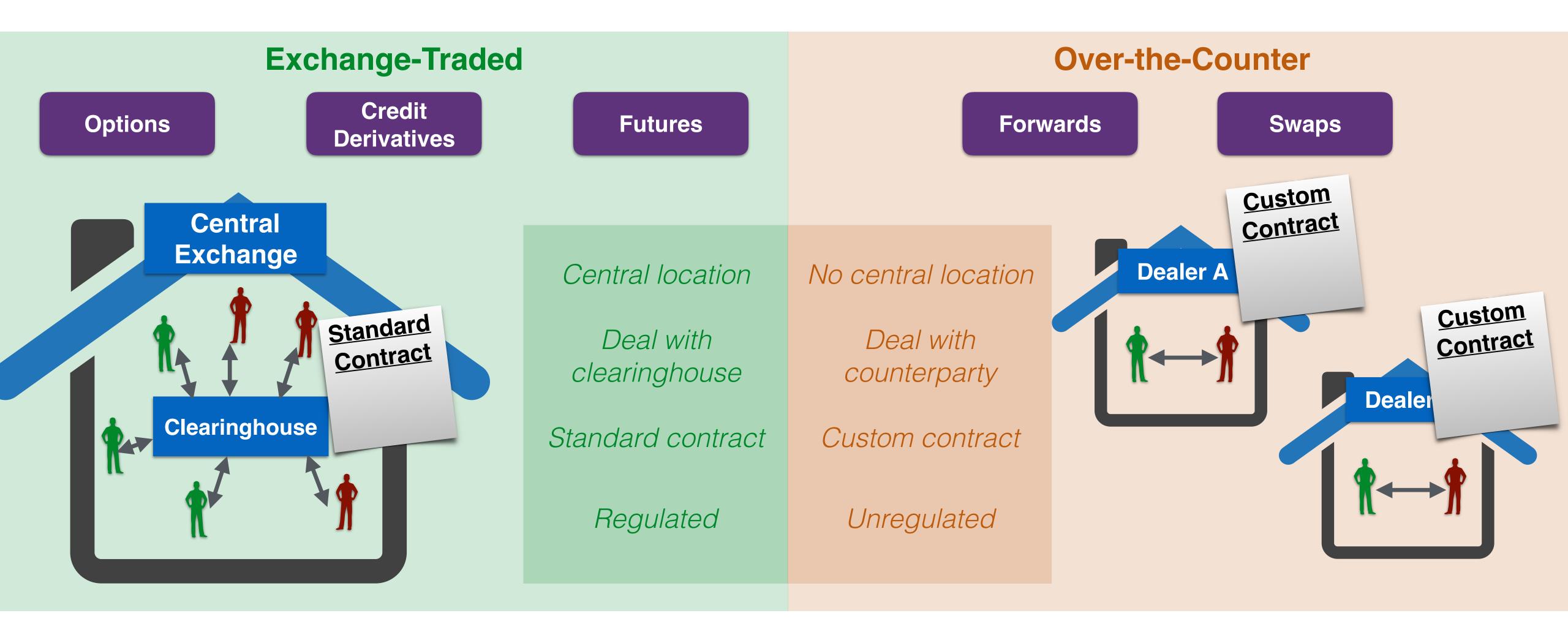




1. Definition

2. Derivative Markets 3. Types of Derivatives





1. Definition

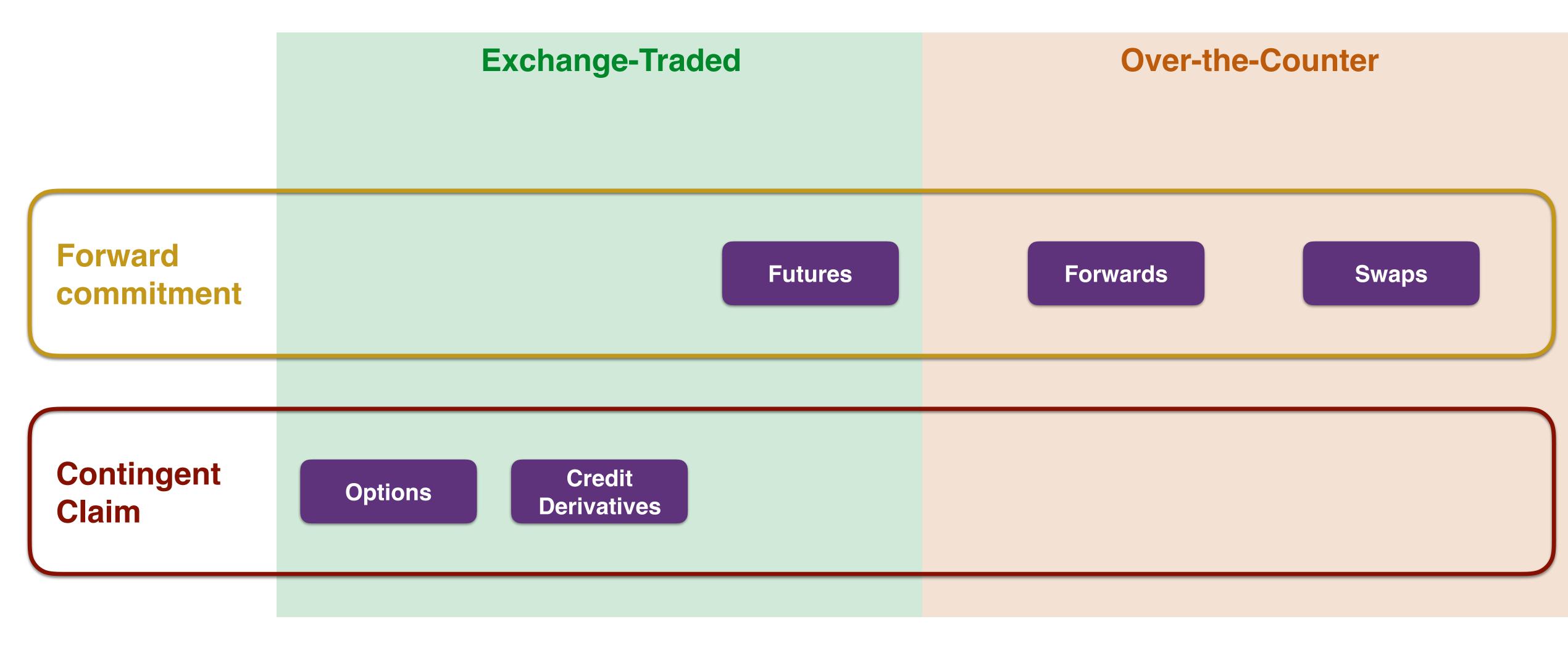
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2. Derivative Markets

Markets

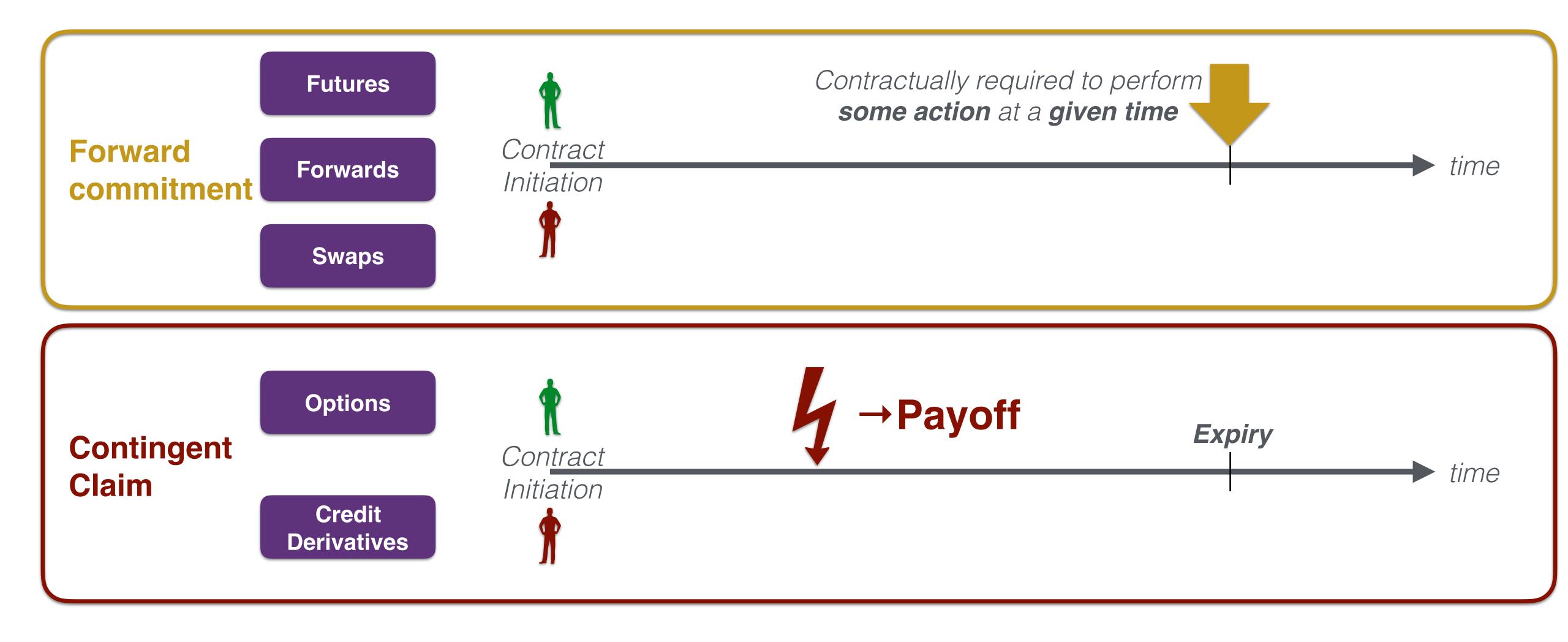
Nature of Contract





Derivative Markets and Instruments

1. Definition 2. Derivative Markets

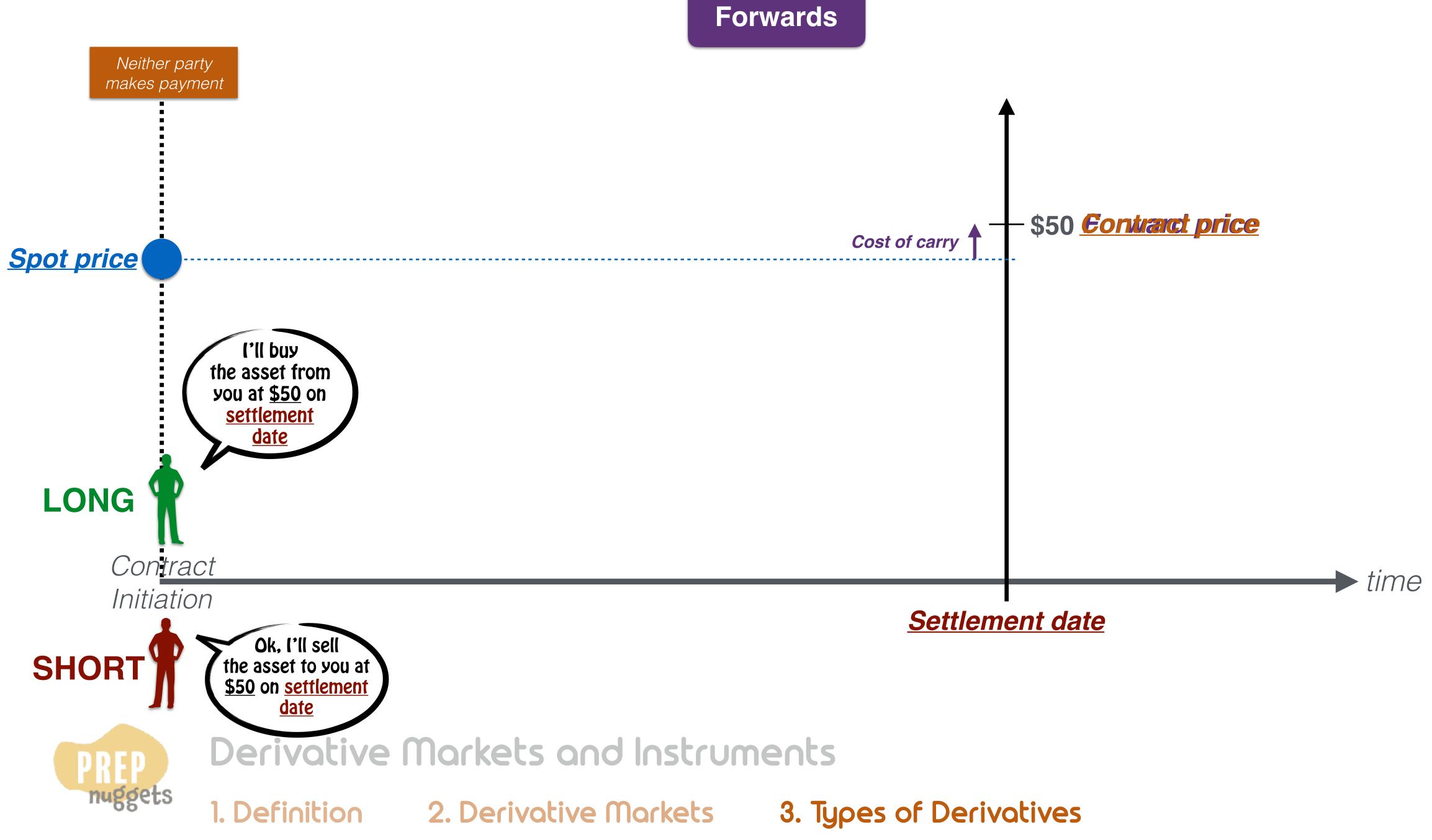


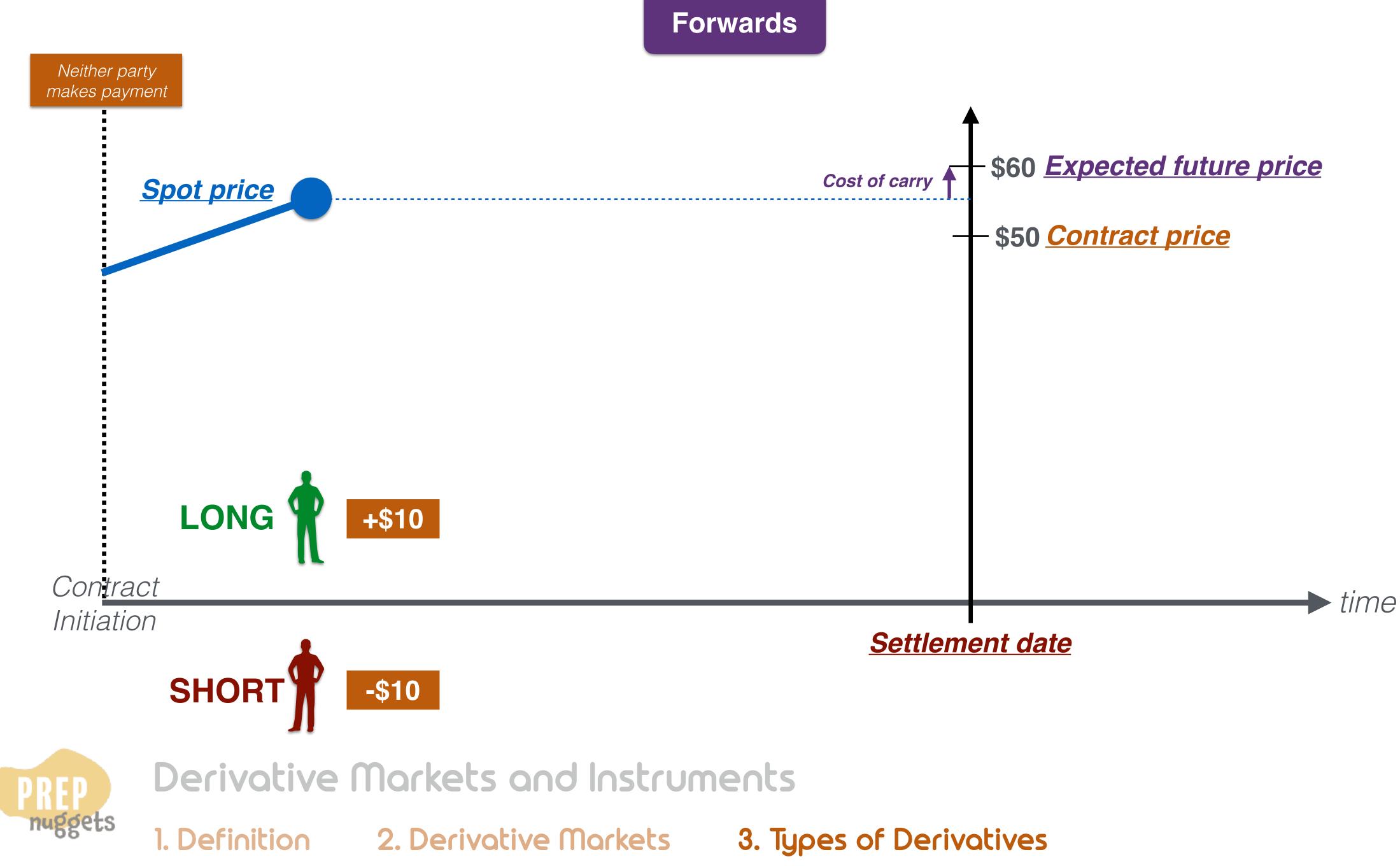


1. Definition

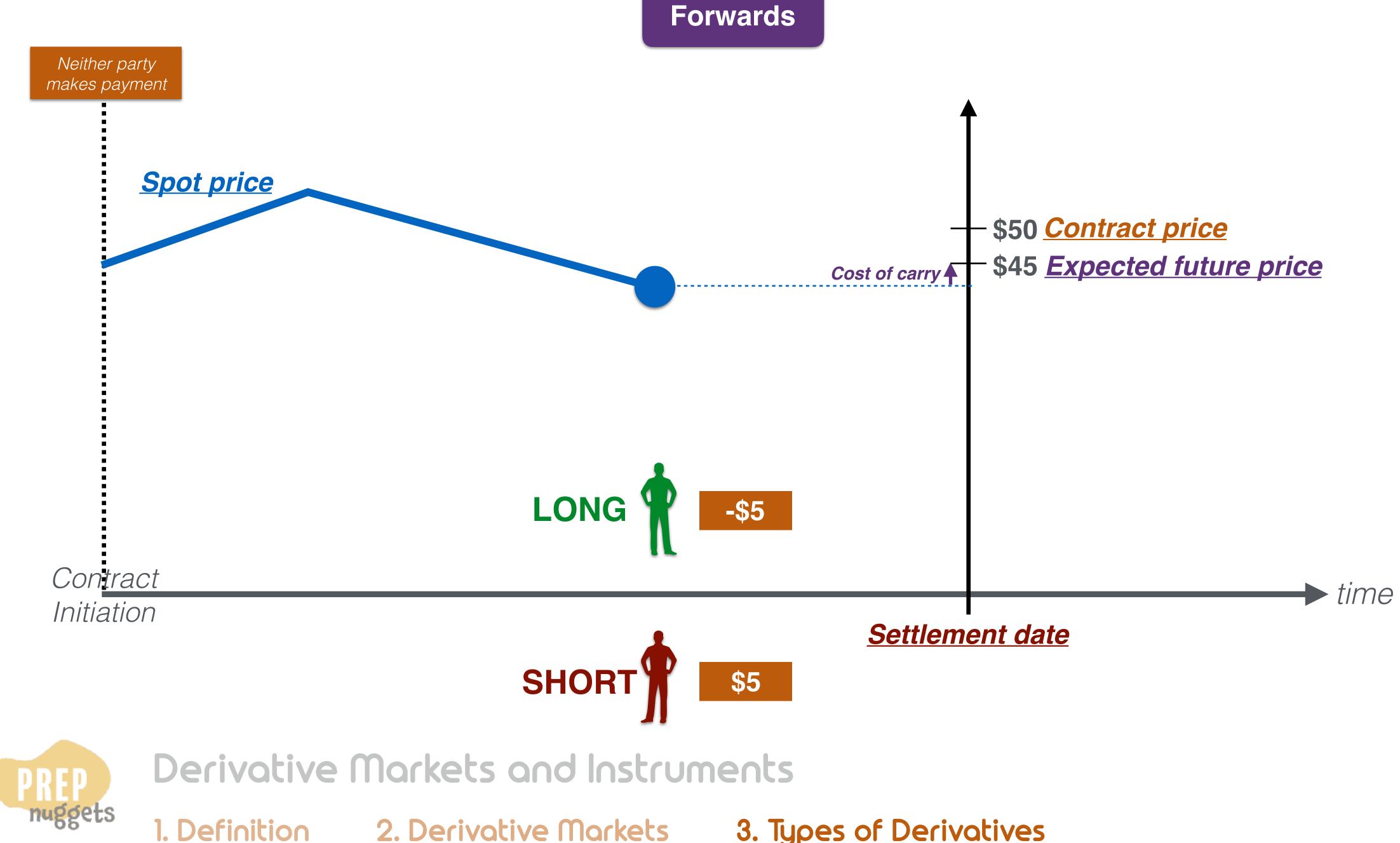
2. Derivative Markets

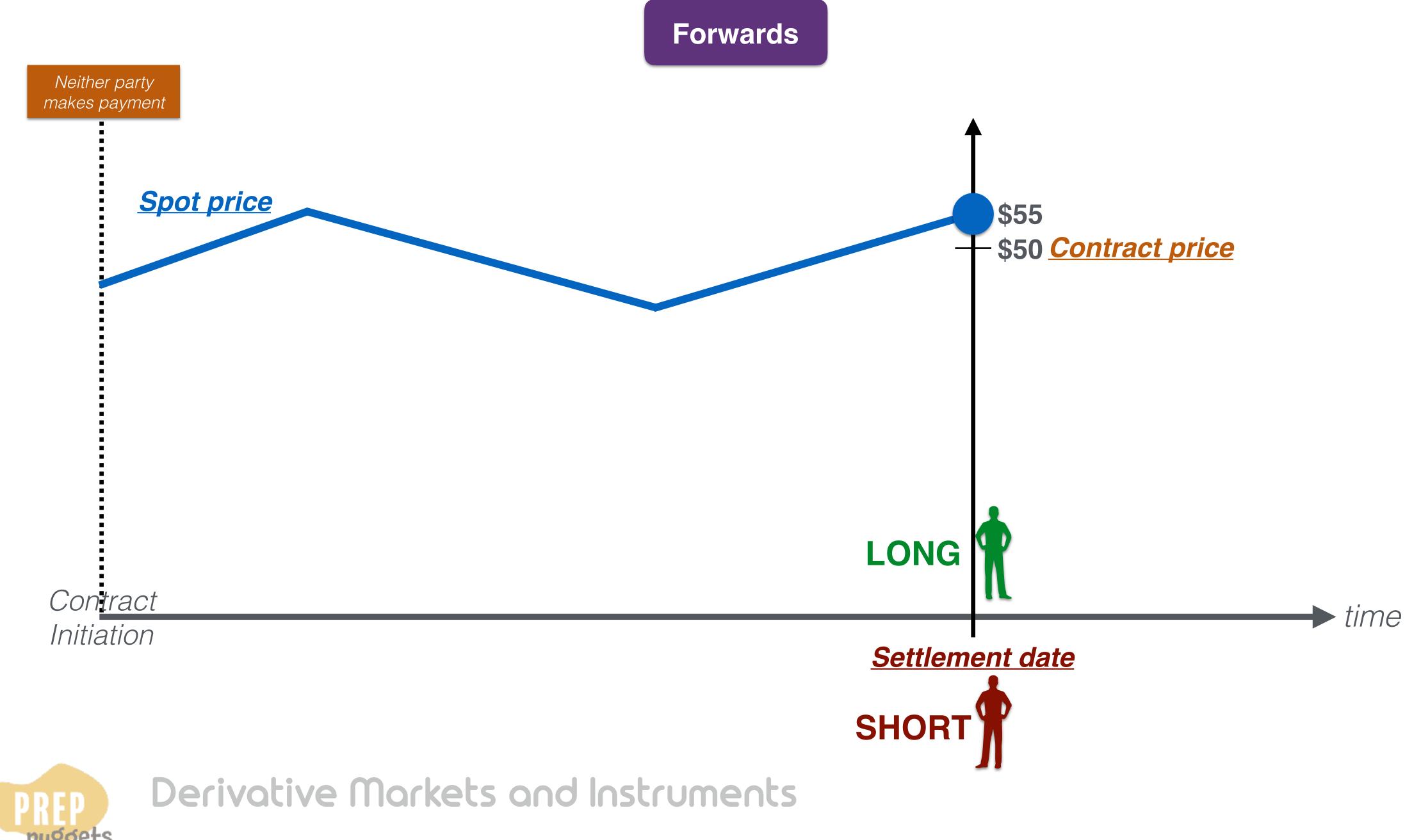








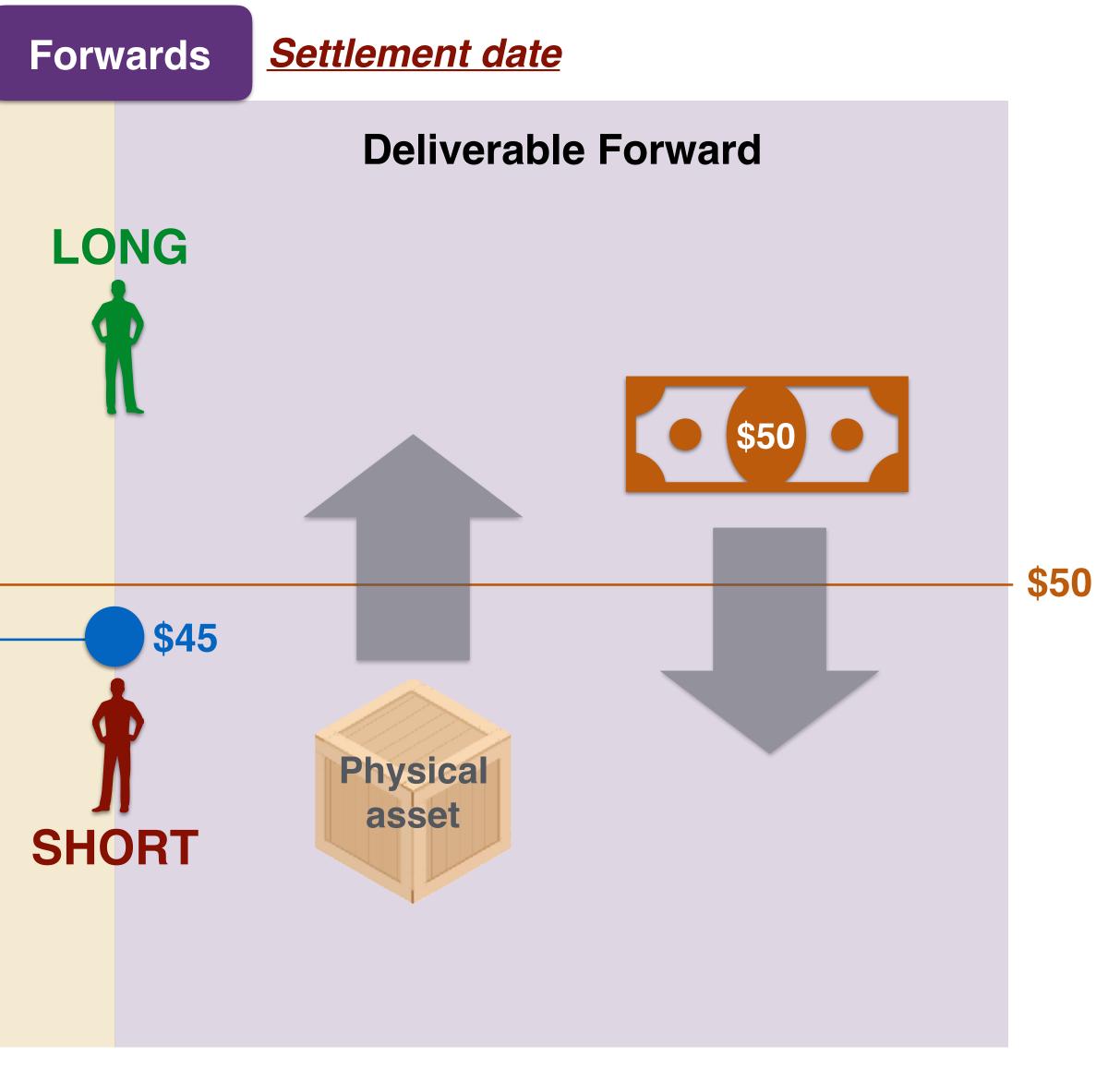






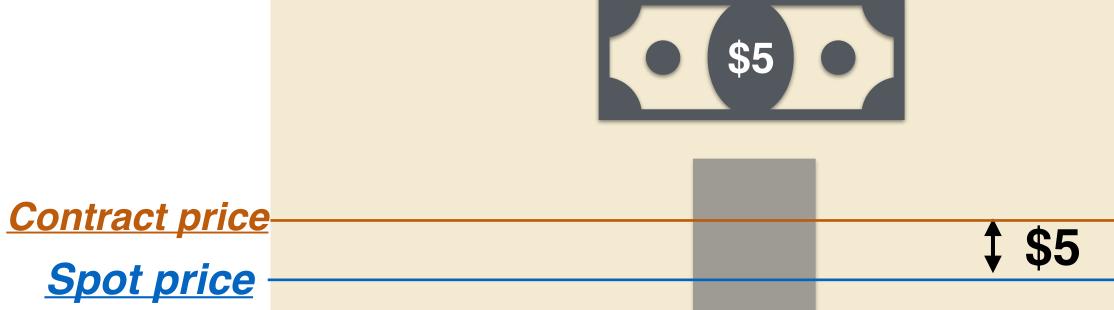
1. Definition

2. Derivative Markets



Cash Settled Contract

Contracts for differences Non-deliverable forwards



If **Spot < Contract** price LONG pays SHORT the difference



Derivative Markets and Instruments

1. Definition

2. Derivative Markets

Forwards

Counterparty risk Non-standard contracts Unregulated

> Direct contract between LONG and **SHORT**



LONG



Derivative Markets and Instruments

1. Definition

2. Derivative Markets

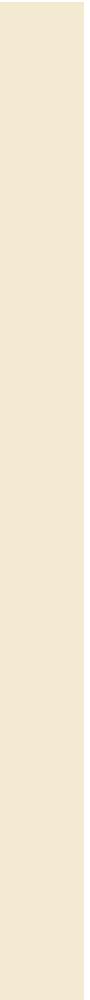
Futures

No counterparty risk **Standard contracts** Regulated

- counterparty for each participant
 - enforces rules like margins
 - guarantees that traders will honour obligations

3. Types of Derivatives

CLEARINGHOUSE



Forwards

Counterparty risk Non-standard contracts Unregulated



Hedgers

e.g. transport company enter into forward contracts



Derivative Markets and Instruments

1. Definition

2. Derivative Markets

Futures

No counterparty risk **Standard contracts** Regulated

Open interest

Settlement price

Margin





Speculators

Hedgers

e.g. transport company buy oil futures



Open interest

Settlement price

total number of outstanding contracts that are held by market participants at the end of the day



Measures flow of money into the futures market



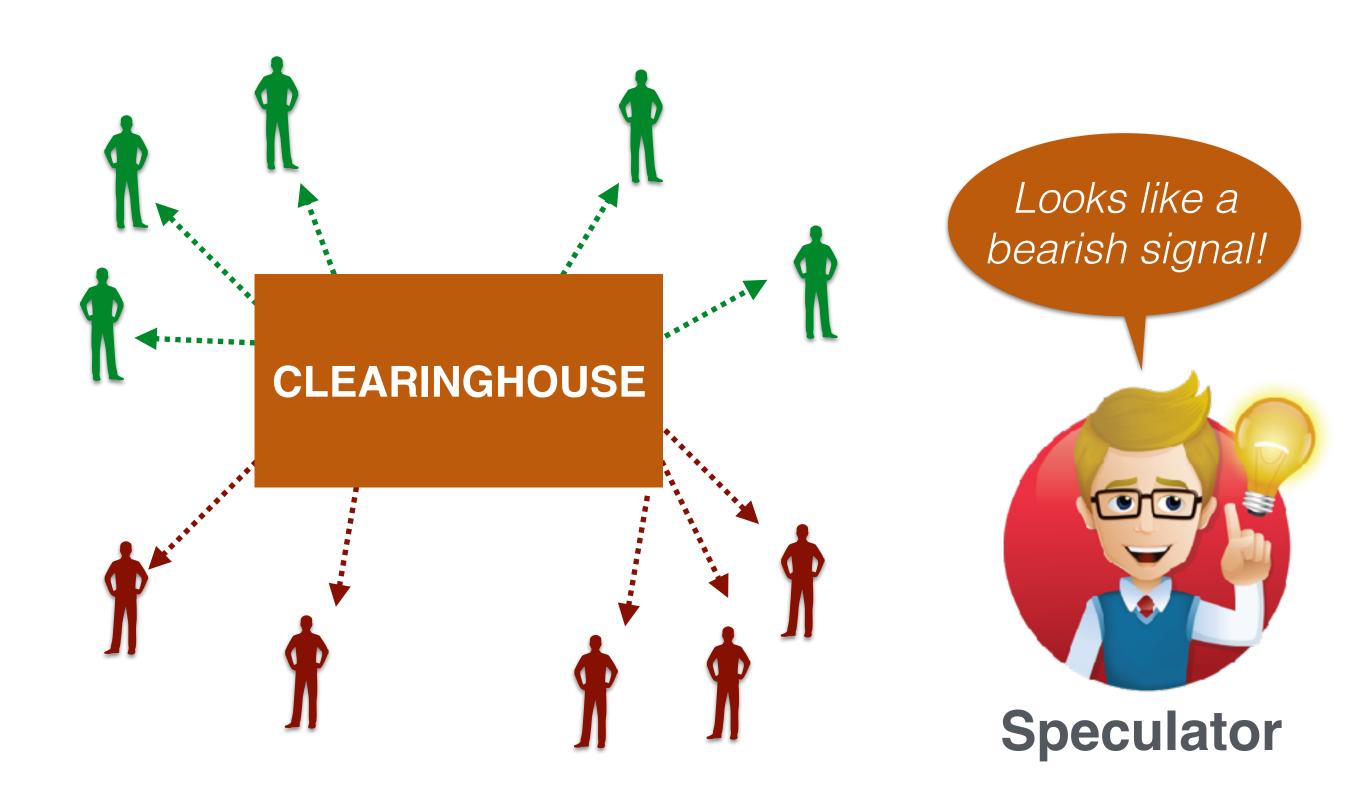
Derivative Markets and Instruments

1. Definition

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Futures

Margin





Open interest





Derivative Markets and Instruments

1. Definition

2. Derivative Markets

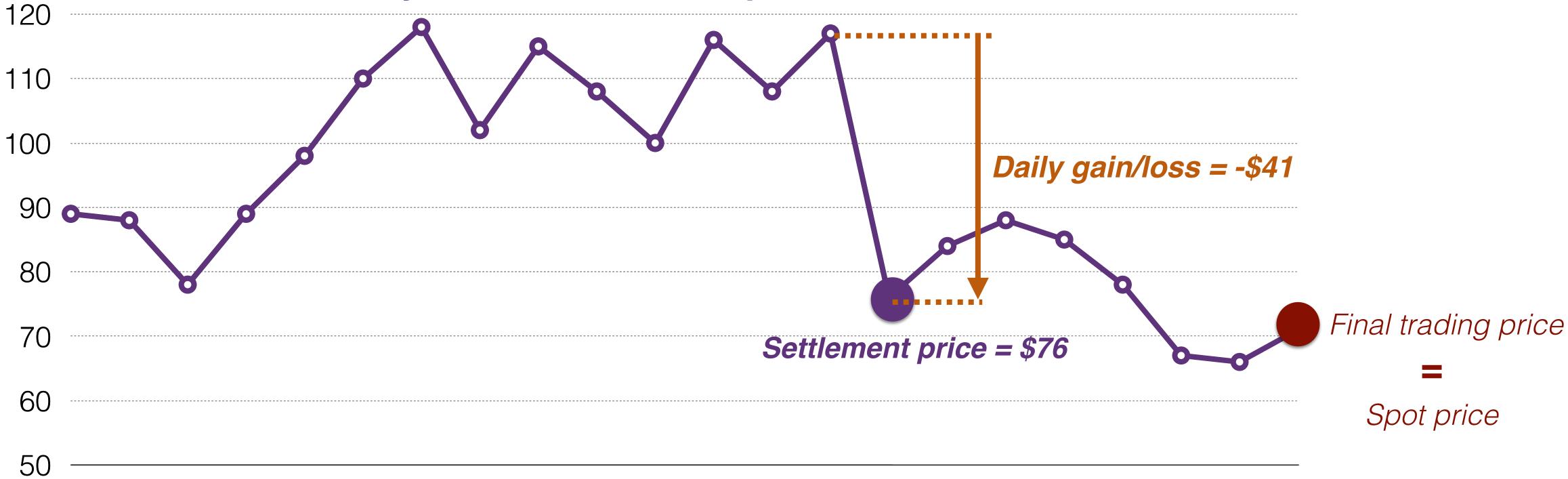






Open interest **Settlement price**

Daily futures settlement price





Derivative Markets and Instruments

1. Definition

2. Derivative Markets

Futures

Margin

average of the prices of the trades during the closing period



Open interest







1. Definition

nuggets

2. Derivative Markets

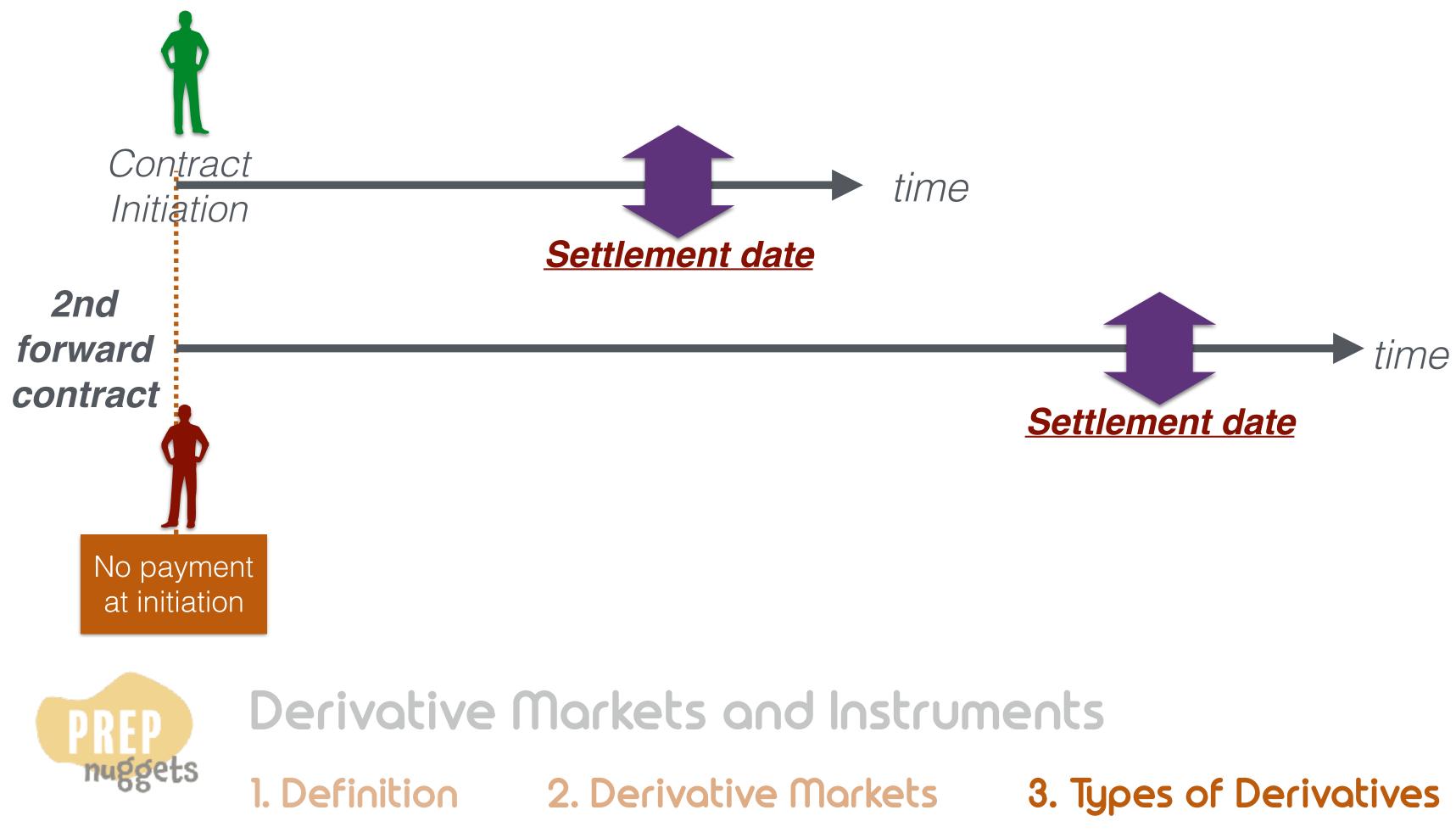
Margin

requiring both long and short to place an initial deposit



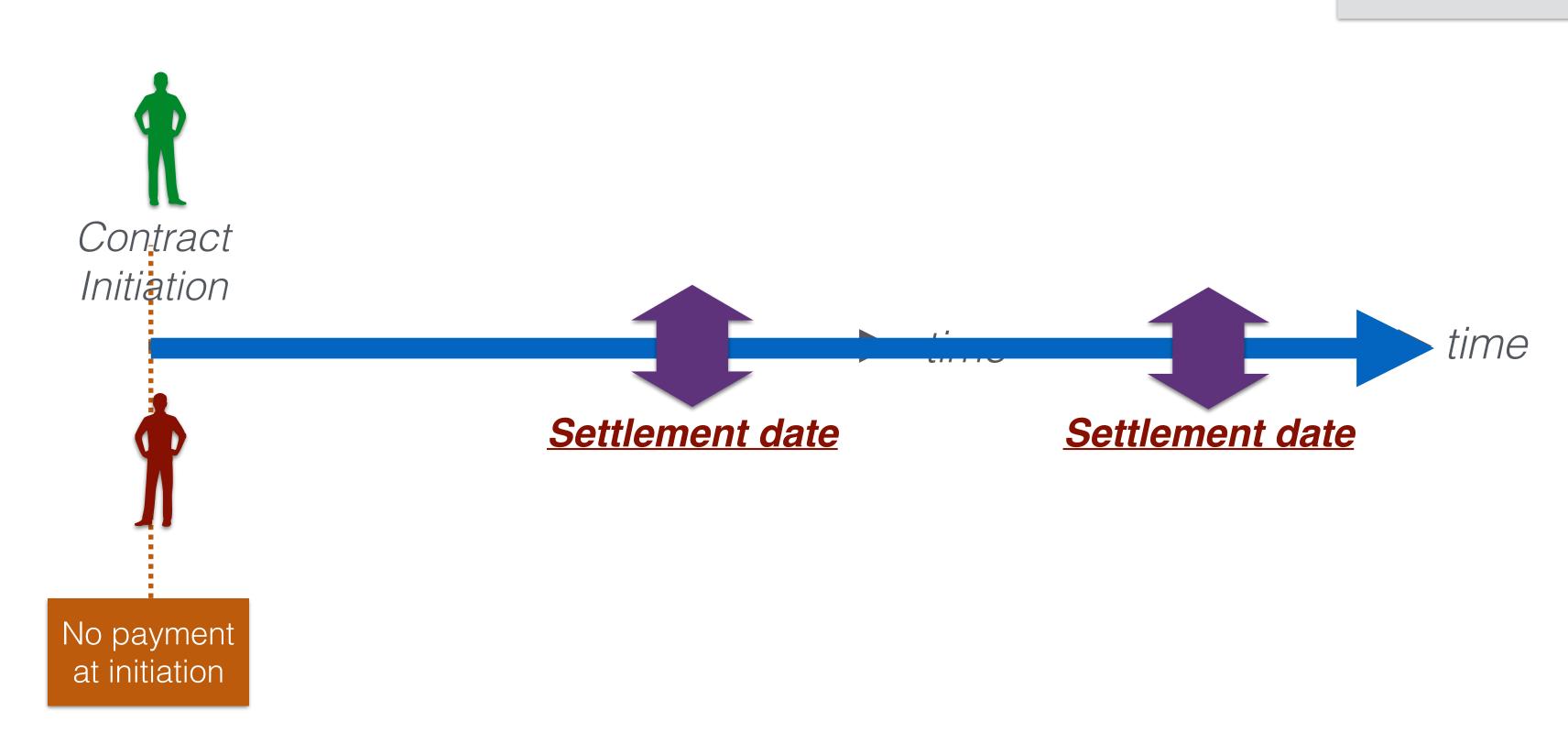
Forwards

Non-standard contracts Unregulated **Counterparty risk**







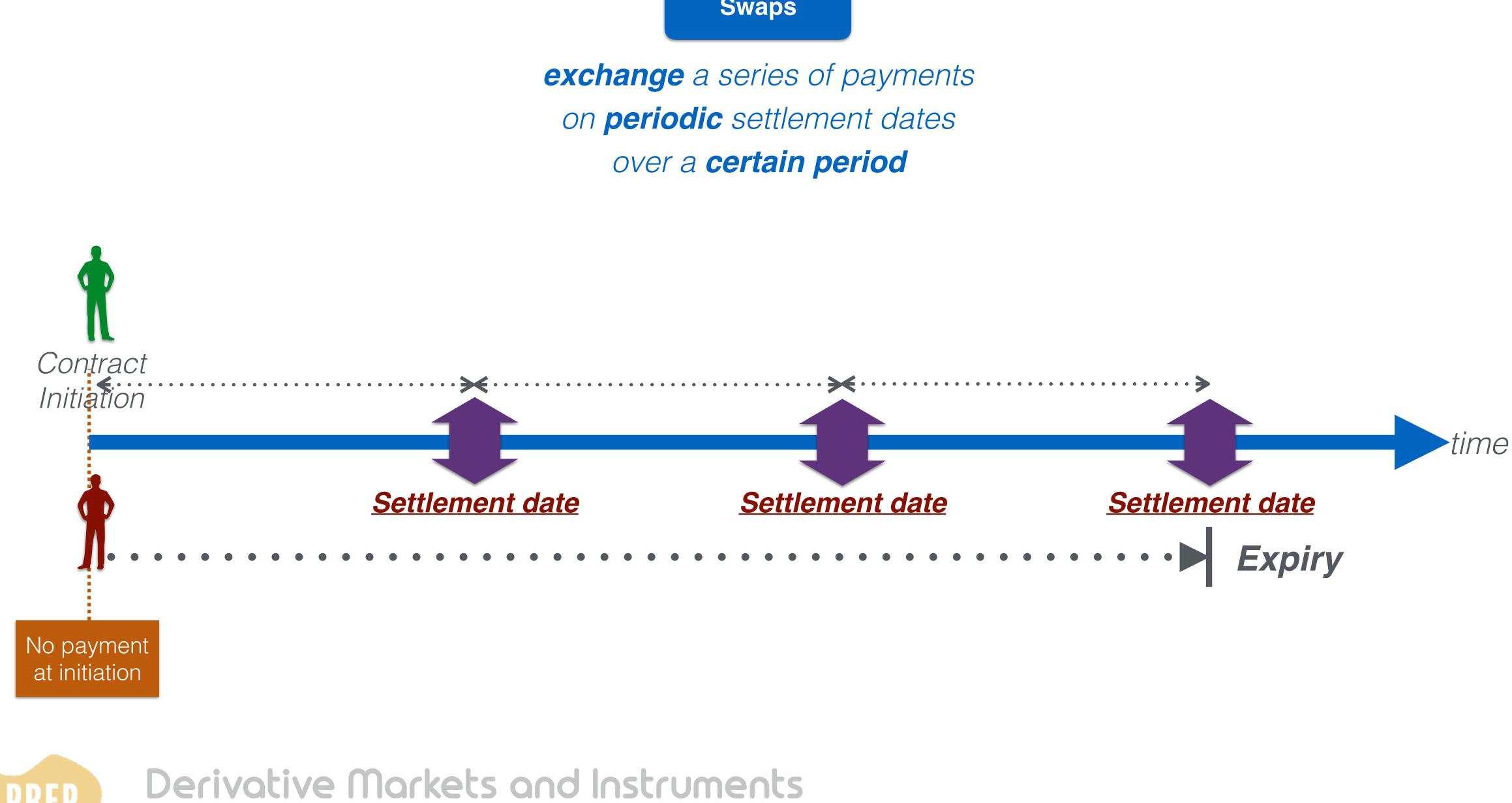




1. Definition 2. Derivative Markets

Swaps

Non-standard contracts Unregulated **Counterparty risk**



1. Definition

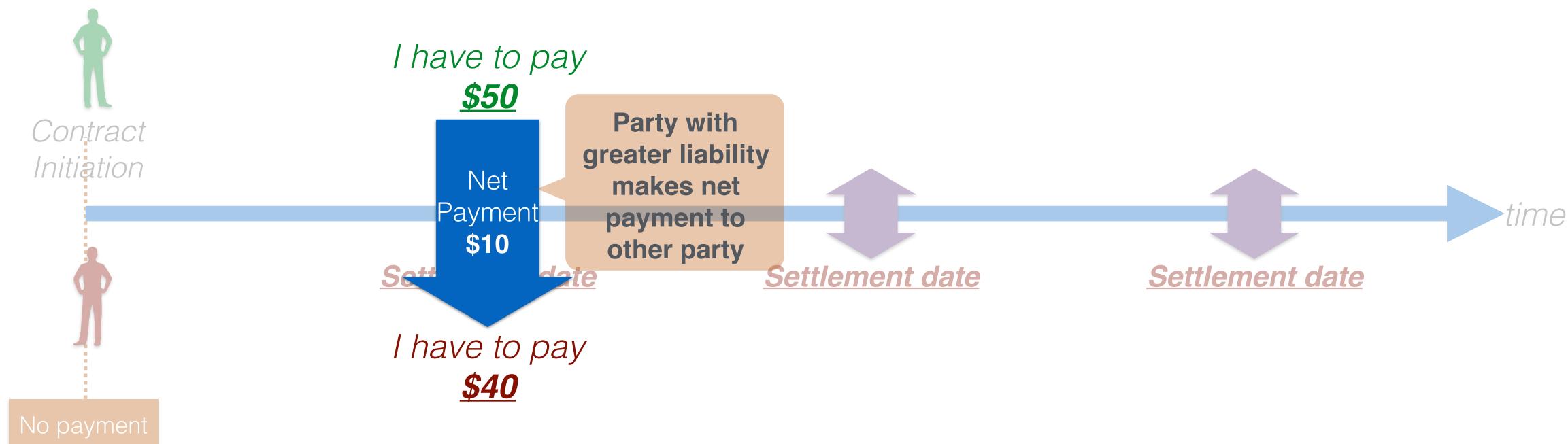
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2. Derivative Markets

Swaps



exchange a series of payments on **periodic** settlement dates over a certain period



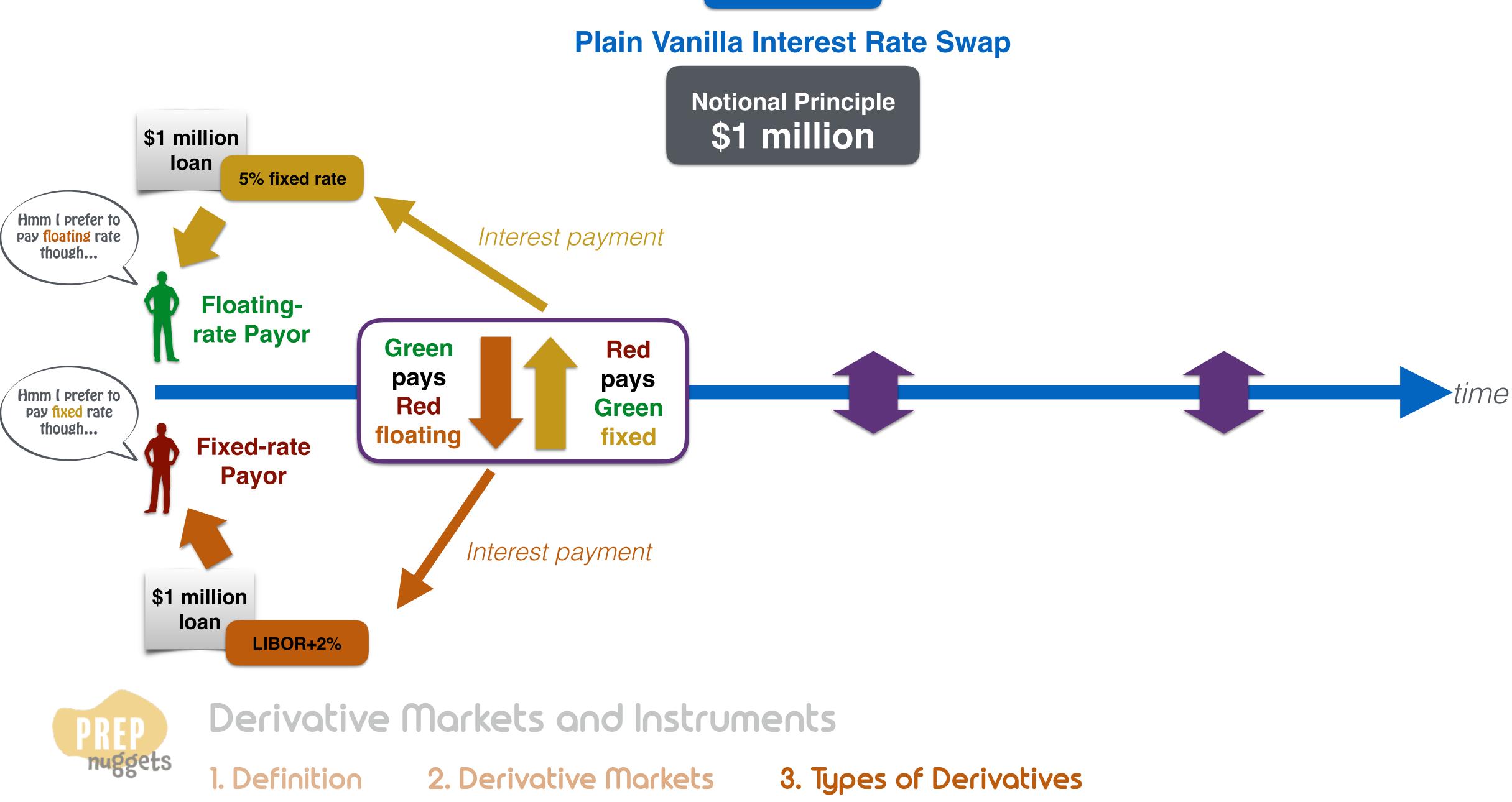


Derivative Markets and Instruments

1. Definition

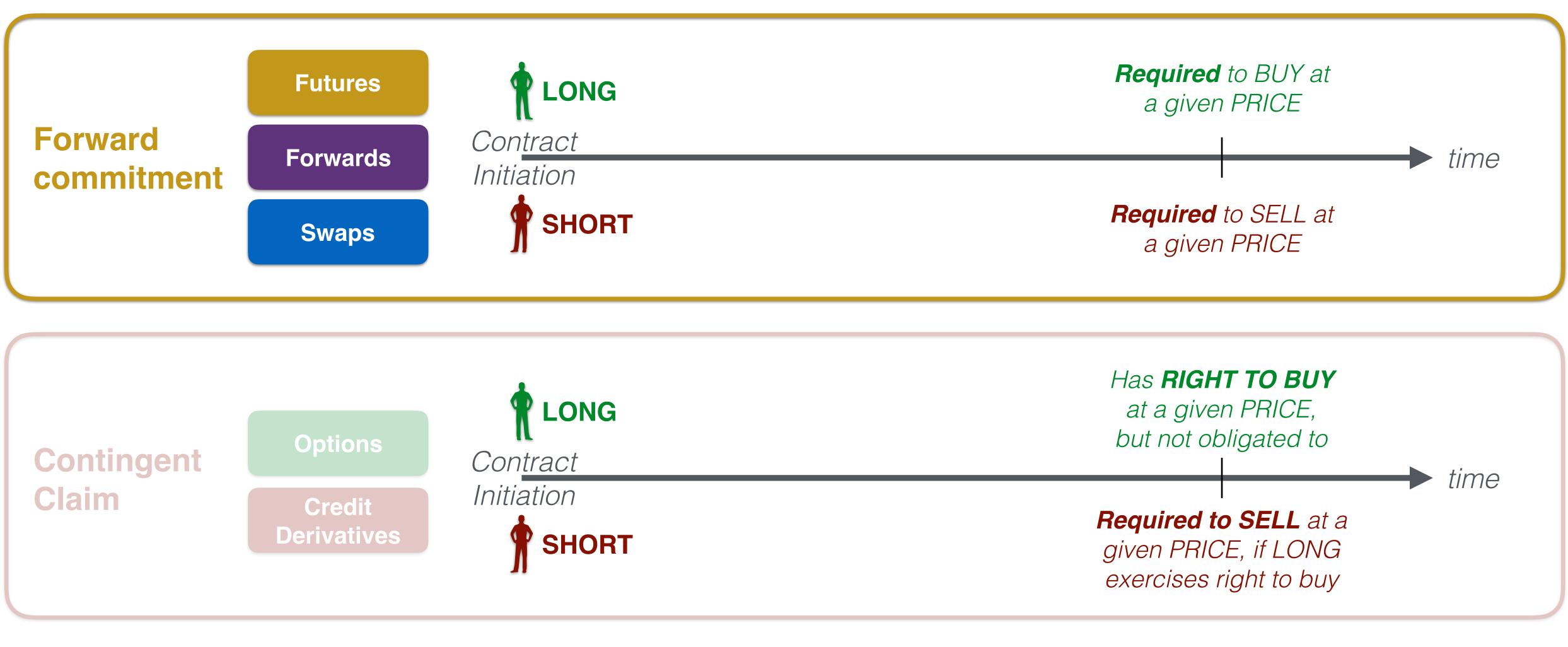
2. Derivative Markets

Swaps



Swaps

Types of Derivatives



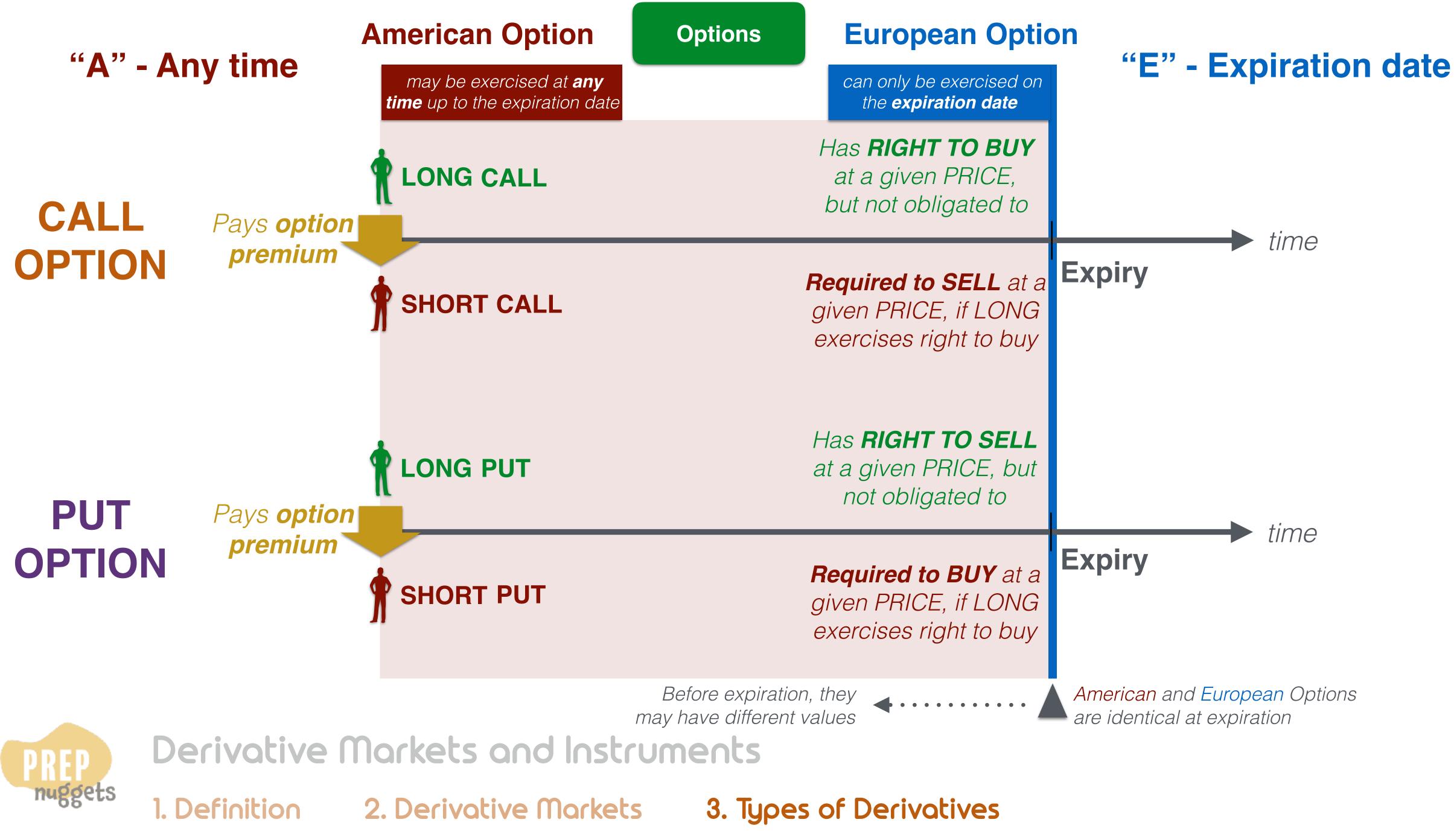




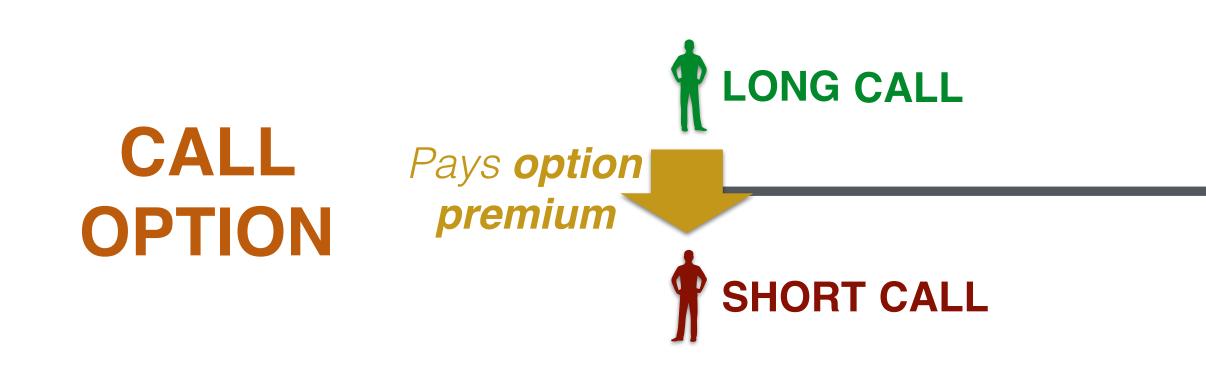
Derivative Markets and Instruments

1. Definition

2. Derivative Markets











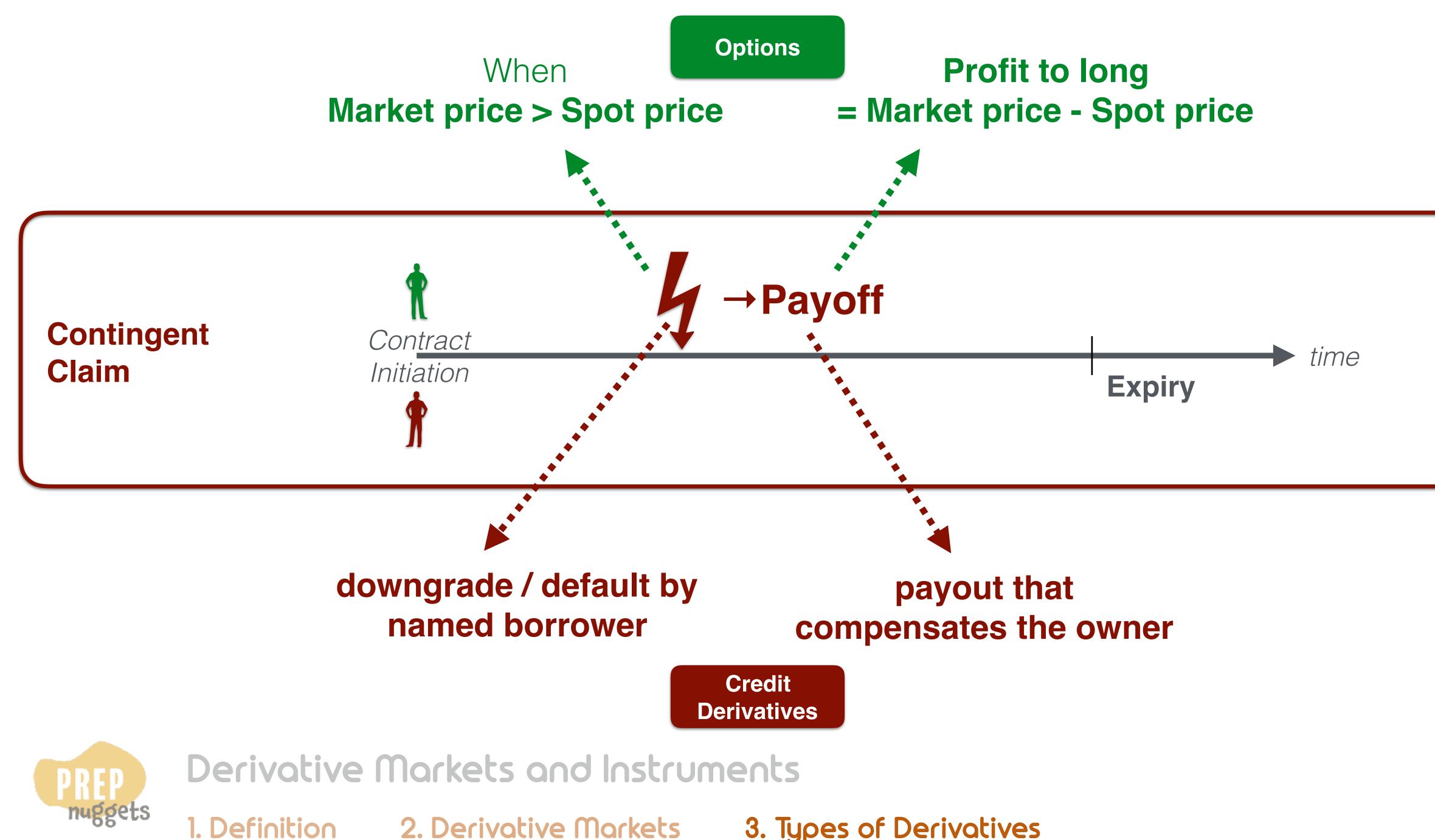
1. Definition

2. Derivative Markets

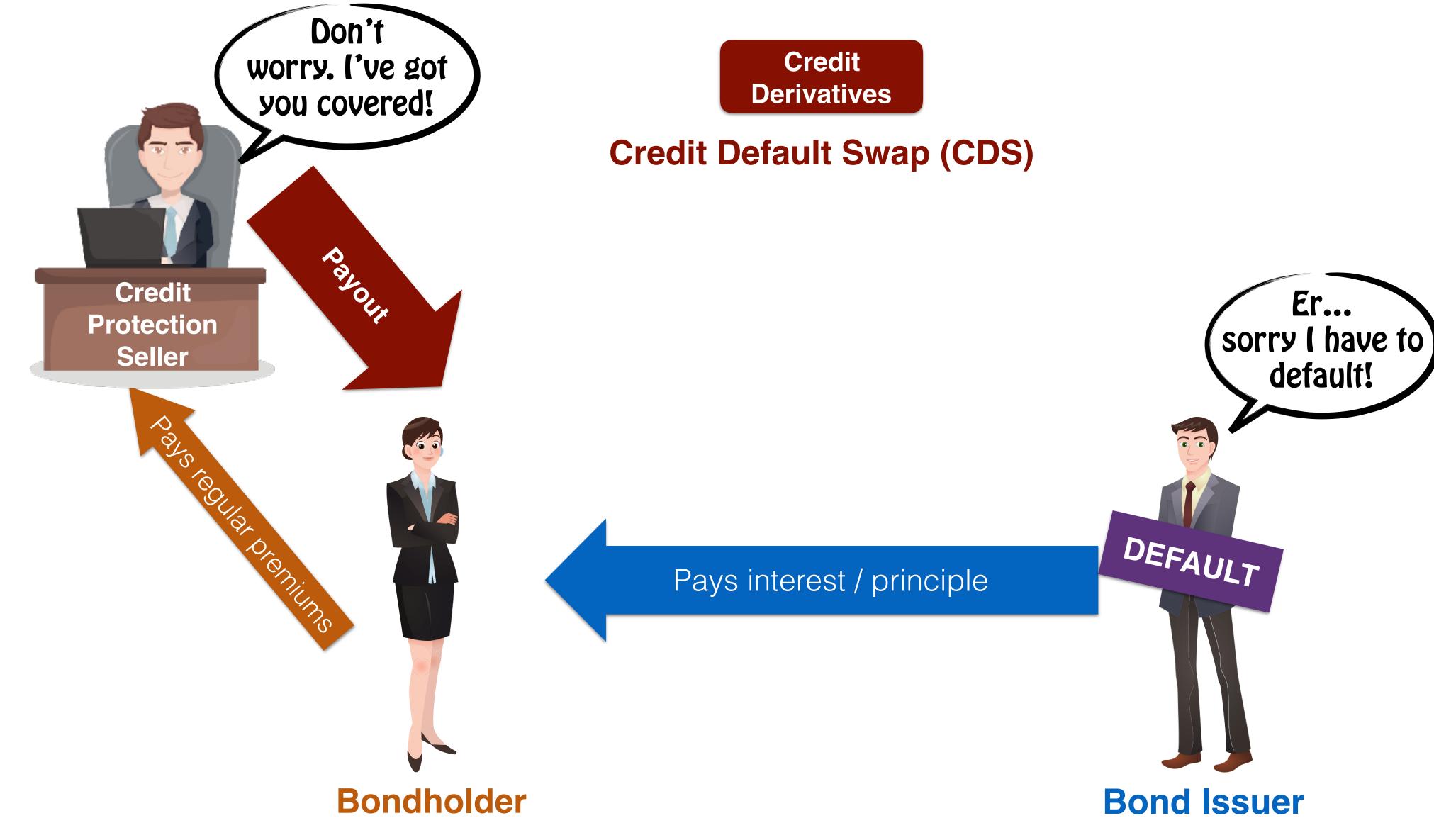
Options









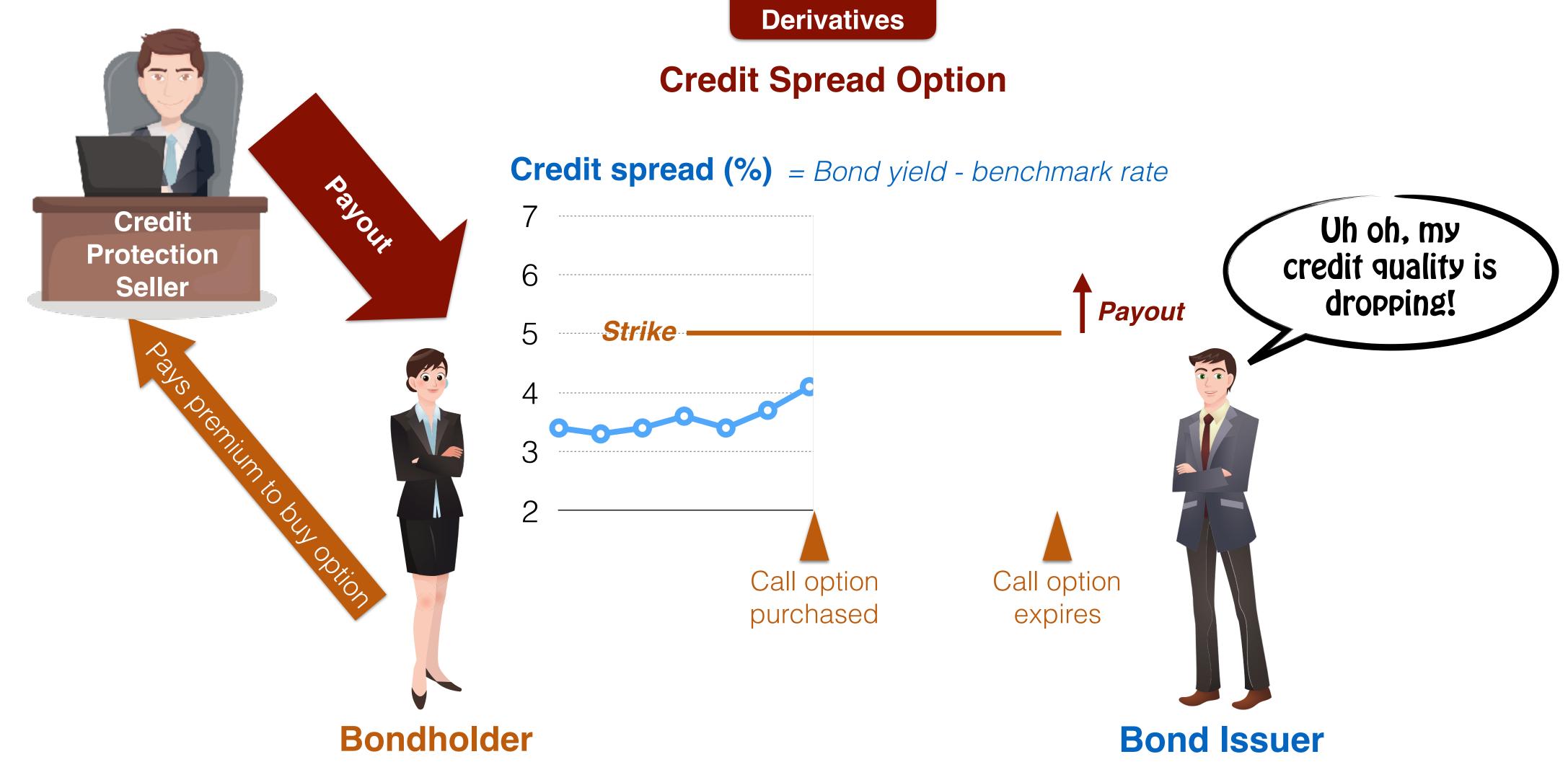




1. Definition

2. Derivative Markets





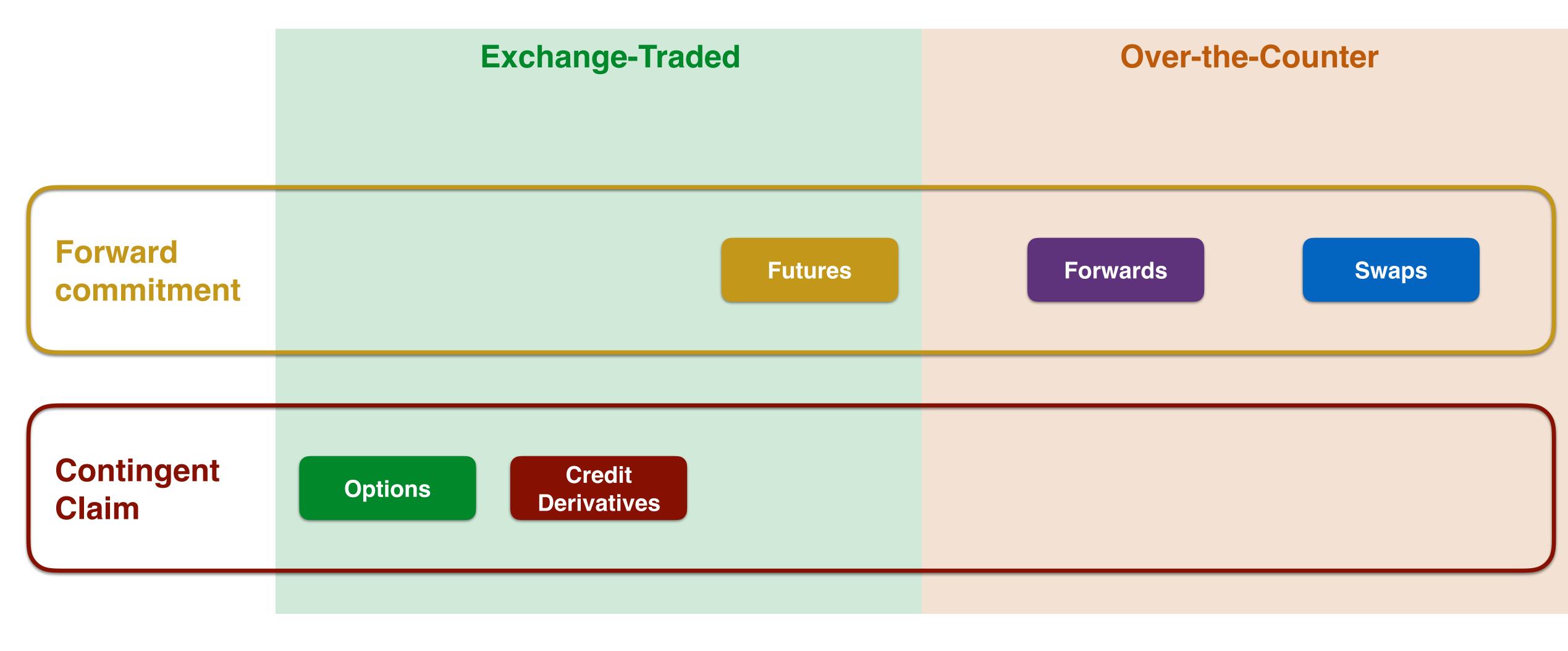


1. Definition

2. Derivative Markets



Types of Derivatives





Derivative Markets and Instruments

1. Definition 2. Derivative Markets