CPP_Stacks_Interface

- + Push(ACPP_Card*) : void + Pop(): ACPP_Card*

CPP_DiscardPile

- +ShuffledArray:TArray<ACPP_Card*>
- +DiscardPileArray:TArray<ACPP_Card*>
- + AddCardsFromDrawPile(ACPP_Card*): void
- +EmptyDiscardPile():ACPP:Card*
- +AddCardsToShuffledPile():void

QueueInterface

- +Enqueue():APawn*
- +Dequeue():void

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BoardersGameMode

- +PlayerArray: TArray<APawn*>
- +Player1Class: TSubclassOf<APlayerPawn>
- +Player2Class: TSubclassOf<APlayerPawn>
- +CurrentPlayer: APawn*
- +Player1: APlayerPawn*
- +Player2: APlayerPawn*
- +PlayerController: APlayerController*
- +Player1SpawnPoint: TSubclassOf<AActor>
- +Player2SpawnPoint: TSubclassOf<AActor>

#BeginPlay(): void

- +Tick(float):void
- +Enqueue_Implementation(APawn*):void
- +Dequeue_Implementation():APawn*
- +SpawnPlayers():void
- +EndTurn():void
- +SwitchPlayer():void
- +ResetPlayer(APawn*):void
- +PLayer1SpawnLocation():FVector
- +PLayer2SpawnLocation():FVector
- +EndGame():void

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PlayerComponent

- +SpawnedPieces: TArray<ACPP_Piece*>
- +MaxPoints: int32
- +Points: int32
- +CurrentPoints: int32
- +Hand: UCPP_Hand*

#BeginPlay(): void

- +TickComponent(float,ELevelTick,FActorComponentTickFunction*):void
- +PieceBelongToPlayer(ACPP_Piece*): bool
- +RemoveTotalPieces(ACPP_Piece*):void
- +ActionCost(int32):void
- +FillArray(ACPP_Piece):void
- +RefillPoints():void



