# SuperPunch 3.50

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## **Contents**

1	Hier	archica	l Index																			1
	1.1	Class	Hierarchy												 		 					1
2	Clas	s Index	[																			3
	2.1	Class	List											 -	 		 					3
3	Clas	s Docu	mentation	n																		5
	3.1	Blood	Behaviour	Cla	ass	Refe	renc	ce .							 		 					5
		3.1.1	Detailed	d D	escr	riptior	n .								 		 					5
		3.1.2	Member	r Da	ata	Docu	mer	ntati	ion .						 		 					5
			3.1.2.1	t	time	OutR	lang	je .							 		 					5
	3.2	Blood	Meter Clas	ss l	Refe	erenc	e .								 		 					5
		3.2.1	Detailed	d D	escr	riptior	n .								 		 					6
		3.2.2	Property	y D	ocu)	ment	atio	n .							 		 					6
			3.2.2.1	ı	Mea	sure									 		 					6
			3.2.2.2	F	Rela	ativeN	/leas	sure							 		 					6
	3.3	Blood	MeterMode	lel I	Inter	rface	Refe	erer	nce						 		 					6
		3.3.1	Detailed	d D	escr	riptior	n .								 		 					7
	3.4	Game	Behaviour.	r.er	ndRo	ound	Clas	ss F	Refe	eren	се				 		 					7
		3.4.1	Detailed	d D	escr	riptior	n .								 		 					7
	3.5	Game	Behaviour.	r.fig	ght C	Class	Ref	ere	nce						 		 					8
		3.5.1	Detailed	d D	escr	riptior	n .								 		 					8
	3.6	Fighte	rController	r C	Class	s Refe	eren	се							 		 					8
		3.6.1	Detailed	d D	escr	riptior	n .								 		 					11
		3.6.2	Member	r Fı	unct	ion D	)ocu	me	ntat	ion					 		 					11
			3.6.2.1	/	Anin	nSyn	c() .								 		 					11
			3.6.2.2	,	Appl	lyDar	nage	e(H	itDa	ata I	nitD	ata	ı)		 		 					11
			3.6.2.3	(	GoT	olnitia	alPo	sitio	on()						 		 					11
			3.6.2.4	ç	goTo	olnitia	alPos	sitio	n()						 		 					11
			3.6.2.5	i	initia	alizeV	⁄aria	bles	s() .						 		 					11
			3.6.2.6	ŗ	play	Block	(Effe	ects	()						 		 					11
			3627	r	nlavi	Groa	ανΕ	ffec	ts()													11

iv CONTENTS

		3.6.2.8	playPunchEffects()	11
		3.6.2.9	SetTransition(CombatTransitions t)	11
		3.6.2.10	stopGroggyEffects()	12
		3.6.2.11	updateFighterHealth()	12
		3.6.2.12	updateFighterPower()	12
	3.6.3	Property	Documentation	12
		3.6.3.1	activeInjured	12
		3.6.3.2	Avatar	12
		3.6.3.3	currentState	12
		3.6.3.4	EffectivePower	12
		3.6.3.5	Enable	12
		3.6.3.6	EnableCountDown	12
		3.6.3.7	Health	13
		3.6.3.8	HealthBar	13
		3.6.3.9	InjuredAvatar	13
		3.6.3.10	InjuredDamage	13
		3.6.3.11	Injuries	13
		3.6.3.12	IsActive	13
		3.6.3.13	isDead	13
		3.6.3.14	IsHuman	13
		3.6.3.15	isSuperPunchLoaded	13
		3.6.3.16	KnockOutInfo	14
		3.6.3.17	KnockOuts	14
		3.6.3.18	MaxHealth	14
		3.6.3.19	MaxSuperPunchHits	14
		3.6.3.20	OnHitSucceed	14
		3.6.3.21	Position	14
		3.6.3.22	PowerBar	14
		3.6.3.23	RelativeHealth	14
		3.6.3.24	RelativePower	14
		3.6.3.25	SucceedHits	15
		3.6.3.26	SuperPunchHits	15
		3.6.3.27	Tag	15
		3.6.3.28	TotalSucceedHits	15
3.7	Fighter	InjuredBel	haviour Class Reference	15
	3.7.1	Detailed	Description	16
	3.7.2	Member	Function Documentation	16
		3.7.2.1	setInjuries(float damage)	16
	3.7.3	Property	Documentation	16
		3.7.3.1	Avatar	16

CONTENTS

		3.7.3.2	Body	16
		3.7.3.3	Damage	16
		3.7.3.4	HitLimit	16
		3.7.3.5	Injuries	16
3.8	Fighter	InjuryBeha	aviour Class Reference	17
	3.8.1	Detailed I	Description	17
	3.8.2	Member I	Function Documentation	17
		3.8.2.1	OnEnable()	17
		3.8.2.2	OnTouchBegan(Vector3 value)	17
	3.8.3	Property	Documentation	17
		3.8.3.1	HitsLimit	17
3.9	Fighter	Model Inte	erface Reference	18
	3.9.1	Detailed I	Description	18
3.10	Finger	Event Clas	s Reference	18
	3.10.1	Detailed I	Description	19
	3.10.2	Construc	tor & Destructor Documentation	19
		3.10.2.1	FingerEvent(ITouchable it=null)	19
	3.10.3	Member I	Function Documentation	19
		3.10.3.1	Add(ITouchable obj)	19
		3.10.3.2	clearList()	19
		3.10.3.3	containsObject(ITouchable obj)	19
		3.10.3.4	getLast()	20
		3.10.3.5	remove(ITouchable obj)	20
3.11	FPSCo	unter Clas	ss Reference	20
	3.11.1	Detailed I	Description	20
3.12	GameE	Behaviour (	Class Reference	20
	3.12.1	Detailed I	Description	22
	3.12.2	Member I	Function Documentation	22
		3.12.2.1	playTheBell()	22
		3.12.2.2	setCrowdBehaviour()	23
		3.12.2.3	setGameOverStats()	23
		3.12.2.4	SetTransition(GameTransitions t)	23
	3.12.3	Property	Documentation	23
		3.12.3.1	AngrySpectators	23
		3.12.3.2	Crowd	23
		3.12.3.3	DynamicCrowd	23
		3.12.3.4	ExcitedSpectators	23
		3.12.3.5	GamePad	23
		3.12.3.6	Lose	23
		3.12.3.7	MAC	24

vi CONTENTS

	3.12.3.8 MaxRounds	24
	3.12.3.9 PlayerONE	24
	3.12.3.10 RelativeBloodMeasure	24
	3.12.3.11 Round	24
	3.12.3.12 RoundDuration	24
	3.12.3.13 RoundGirl	24
	3.12.3.14 RoundNumber	24
	3.12.3.15 soundEffects	24
	3.12.3.16 Versus	25
	3.12.3.17 Win	25
3.13	GameBehaviour.GameOver Class Reference	25
	3.13.1 Detailed Description	25
3.14	GamePadController Class Reference	25
	3.14.1 Detailed Description	26
	3.14.2 Member Function Documentation	26
	3.14.2.1 OnEndButtonBehaivour()	26
	3.14.2.2 OnStartButtonBehaivour()	26
	3.14.2.3 OnTouchBegan(Vector3 value)	26
	3.14.2.4 OnTouchEnded(Vector3 value)	26
	3.14.2.5 Start()	26
3.15	headController Class Reference	27
	3.15.1 Detailed Description	27
3.16	HitData Class Reference	27
3.17	GameBehaviour.InitCombat Class Reference	27
	3.17.1 Detailed Description	28
3.18	GameBehaviour.limitRoundReached Class Reference	28
	3.18.1 Detailed Description	28
3.19	MultiTouchController Class Reference	28
	3.19.1 Detailed Description	29
3.20	ObjectBehaviour Class Reference	29
	3.20.1 Detailed Description	29
3.21	ObjectPool Class Reference	29
	3.21.1 Detailed Description	30
	3.21.2 Member Function Documentation	30
	3.21.2.1 activateObject()	30
3.22	GameBehaviour.PlayerLoses Class Reference	30
	3.22.1 Detailed Description	30
3.23	GameBehaviour.PlayerWins Class Reference	31
	3.23.1 Detailed Description	31
3.24	PlayHurtEffects Class Reference	31

CONTENTS vii

	3.24.1 Detailed Description	32
	3.24.2 Member Function Documentation	32
	3.24.2.1 ApplyDamage(HitData hitData)	32
3.25	PunchController Class Reference	32
	3.25.1 Detailed Description	32
	3.25.2 Property Documentation	32
	3.25.2.1 defense	32
	3.25.2.2 effectivePower	33
3.26	RoundGirlBehaviour Class Reference	33
	3.26.1 Detailed Description	33
3.27	SelectBehaviour Class Reference	33
	3.27.1 Member Function Documentation	34
	3.27.1.1 action()	34
3.28	SpawnerBehaviour Class Reference	34
	3.28.1 Detailed Description	34
3.29	GameBehaviour.startRound Class Reference	34
	3.29.1 Detailed Description	35
3.30	testPunchBag Class Reference	35
Index		37

## Chapter 1

## **Hierarchical Index**

## 1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:	
BloodMeterModel	6
BloodMeter	5
ButtonBehaviour	
SelectBehaviour	33
FighterModel	8
FighterController	8
FingerEvent	8
HitData	27
MonoBehaviour	
BloodBehaviour	5
BloodMeter	5
FighterController	
FighterController	
FighterInjuredBehaviour	5
FPSCounter	
GameBehaviour	
headController	
MultiTouchController	
ObjectBehaviour	
ObjectPool	
PlayHurtEffects	
PunchController	
RoundGirlBehaviour	
SpawnerBehaviour	
testPunchBag	) =
GameBehaviour.endRound	-
GameBehaviour.fight	
GameBehaviour.GameOver	
GameBehaviour.InitCombat	
GameBehaviour.limitRoundReached	
GameBehaviour.PlayerLoses	
GameBehaviour.PlayerWins	
GameBehaviour.startRound	
TouchBehaviour	
FighterInjuryBehaviour	7
GamePadController	

2 **Hierarchical Index** 

## **Chapter 2**

## **Class Index**

## 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

BloodBenaviour	
Blood behaviour. Blood flesh is "instantiated" when fighter is punched on the face and this class	
sets the timer on when is enabled and when time is over disables the gameObject	5
BloodMeter	
Blood meter. GameObject used to detect the amount of blood spread over the ring	5
BloodMeterModel	
Blood meter model. Interface used to pass data through layers	6
GameBehaviour.endRound	
End round	7
GameBehaviour.fight	
Fight	8
FighterController	
Fighter controller.	8
FighterInjuredBehaviour	
Fighter injured behaviour	15
FighterInjuryBehaviour	
Fighter injury behaviour.	17
FighterModel	
Fighter model.	18
FingerEvent	
Finger event.	18
FPSCounter	
FPS counter.	20
GameBehaviour	
Game behaviour.	20
GameBehaviour.GameOver	
Game Over	25
GamePadController	
Game pad controller	25
headController	
Head controller	27
HitData	27
GameBehaviour.InitCombat	
Init combat	27
GameBehaviour.limitRoundReached	
The limit Round is Reached	28
MultiTouchController	
Multi touch controller	28

4 Class Index

ObjectBehaviour Department of the Control of the Co	
Object behaviour. Behaviour of the objects thrown by spectators	29
ObjectPool	
Object pool	29
SameBehaviour.PlayerLoses	
PLayer Loses.	30
SameBehaviour.PlayerWins	
Player Wins.	31
PlayHurtEffects	
Play hurt effects.	31
PunchController	
Punch controller.	32
RoundGirlBehaviour	
Round girl behaviour.	33
electBehaviour	33
pawnerBehaviour	
Spawner behaviour.	34
SameBehaviour.startRound	
Start round	34
estPunchBag	35

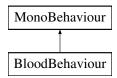
## **Chapter 3**

## **Class Documentation**

## 3.1 BloodBehaviour Class Reference

Blood behaviour. Blood flesh is "instantiated" when fighter is punched on the face and this class sets the timer on when is enabled and when time is over disables the gameObject.

Inheritance diagram for BloodBehaviour:



## **Public Attributes**

Vector2 timeOutRange = new Vector2(2,5)

The time out range.

## 3.1.1 Detailed Description

Blood behaviour. Blood flesh is "instantiated" when fighter is punched on the face and this class sets the timer on when is enabled and when time is over disables the gameObject.

#### 3.1.2 Member Data Documentation

3.1.2.1 Vector2 BloodBehaviour.timeOutRange = new Vector2(2,5)

The time out range.

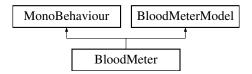
The documentation for this class was generated from the following file:

· behaviour/field/BloodBehaviour.cs

## 3.2 BloodMeter Class Reference

Blood meter. GameObject used to detect the amount of blood spread over the ring.

Inheritance diagram for BloodMeter:



#### **Public Attributes**

- float maxBlood = 25.0f
- float bloodFactor = 0.5f
- float bloodDownFactor = 0.25f
- float totalBlood = 0.0f

## **Properties**

```
• float MaxBlood [get]
```

• float Measure [get, set]

Gets or sets the measure.

• float RelativeMeasure [get, set]

Gets the relative measure.

## 3.2.1 Detailed Description

Blood meter. GameObject used to detect the amount of blood spread over the ring.

## 3.2.2 Property Documentation

**3.2.2.1 float BloodMeter.Measure** [get], [set]

Gets or sets the measure.

The measure.

**3.2.2.2** float BloodMeter.RelativeMeasure [get], [set]

Gets the relative measure.

The relative measure.

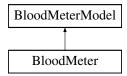
The documentation for this class was generated from the following file:

· behaviour/field/BloodMeter.cs

## 3.3 BloodMeterModel Interface Reference

Blood meter model. Interface used to pass data through layers.

Inheritance diagram for BloodMeterModel:



## **Properties**

- float MaxBlood [get]
- float Measure [get, set]
- float RelativeMeasure [get, set]

#### 3.3.1 Detailed Description

Blood meter model. Interface used to pass data through layers.

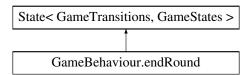
The documentation for this interface was generated from the following file:

• behaviour/field/BloodMeter.cs

## 3.4 GameBehaviour.endRound Class Reference

End round.

Inheritance diagram for GameBehaviour.endRound:



#### **Public Member Functions**

- endRound (GameBehaviour parent, float duration=0.1f)
- override void Reason ()
- override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

#### 3.4.1 Detailed Description

End round.

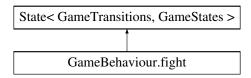
The documentation for this class was generated from the following file:

behaviour/game/GameBehaviour.cs

## 3.5 GameBehaviour.fight Class Reference

#### Fight.

Inheritance diagram for GameBehaviour.fight:



#### **Public Member Functions**

- fight (GameBehaviour parent, float duration=0.1f)
- override void Reason ()
- · override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

#### 3.5.1 Detailed Description

Fight.

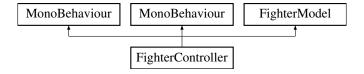
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

## 3.6 FighterController Class Reference

Fighter controller.

Inheritance diagram for FighterController:



### **Public Member Functions**

• bool AnimSync ()

Animation Sync. Plays the right animation based on player state.

• void SetTransition (CombatTransitions t)

Sets the transition.

• void initializeVariables ()

Initializes the variables.

void GoToInitialPosition ()

Moves the fighter to the initial position.

• void updateFighterHealth ()

Updates the health bar status.

· void updateFighterPower ()

Updates the power bar status.

void ApplyDamage (HitData hitData)

This function receives a class called hitData. It contains the hit damage and what's colliding.

void goToInitialPosition ()

Moves the fighter to the initial position.

void playGroggyEffects ()

Plaies the groggy effects.

void stopGroggyEffects ()

Stops the groggy effects.

void playBlockEffects ()

Plaies the block effects.

• void playPunchEffects ()

Plaies the punch effects.

#### **Public Attributes**

- Sprite[] avatars
- · Sprite largeAvatar
- AudioClip[] punchSFX
- AudioClip[] throwingPunchSFX
- AudioClip[] blockingPunchSFX
- AudioClip[] groggyEffectsSFX
- int knockOutsLimit = 3
- int hits4SuperPunch = 5
- int injuryHits = 3
- int punchRate = 3
- int superPunchHits = 4
- float health = 0.0f
- float **punchPower** = 5.0f
- float superPunchPower = 10
- float speed = 35f
- float **precision** = 1.0f
- bool superPunchFlag = false
- bool **humanFlag** = false
- bool superPunchAlwaysOn = false

#### **Protected Attributes**

- FSMSys< CombatTransitions, CombatStates > fsm
- Vector3 oldPosition = Vector3.zero

## **Properties**

• CombatStates currentState [get]

Gets the state of the current.

• float MaxHealth [get]

Gets the max health.

• int MaxSuperPunchHits [get]

Gets the max super punch hits.

• bool OnHitSucceed [get, set]

```
Gets a value indicating whether this FighterController on hit succeed.
• float Health [get]
     Gets the health.
• float RelativePower [get]
     Gets the relative power.
• float RelativeHealth [get]
     Gets the relative health.
• int Injuries [get]
     Gets the injuries.
• Sprite Avatar [get]
     Gets the avatar.
• boollsHuman [get, set]
     Gets or sets a value indicating whether this instance is human.
• Vector3 Position [get, set]
     Gets or sets the position.
• boolisDead [get, set]
     Gets or sets a value indicating whether this FighterController is dead.
• bool isSuperPunchLoaded [get, set]
     Gets a value indicating whether this FighterController is super punch loaded.

    bool activeInjured [set]

     Sets a value indicating whether this FighterController active injured.
• float InjuredDamage [set]
     Sets the injured damage.
• Sprite InjuredAvatar [set]
     Sets the injured avatar.
• int TotalSucceedHits [get, set]
     Gets or sets the total succeed hits.
• int SucceedHits [get, set]
     Gets or sets the succeed hits.
• int SuperPunchHits [get, set]
     Gets or sets the super punch hits.
• float EffectivePower [get, set]
     Gets or sets the effective power.
• bool EnableCountDown [set]
     Sets a value indicating whether this FighterController enable count down.
• bool Enable [get, set]
     Gets or sets a value indicating whether this FighterController is enable.
• string Tag [get, set]
     Gets or sets the tag.
• float HealthBar [set]
     Sets the health bar.
• bool KnockOutInfo [set]
     Sets a value indicating whether this FighterController knock out info.
• float PowerBar [set]
     Sets the power bar.
• int KnockOuts [get, set]
     Gets or sets the knock outs.
• bool IsActive [get, set]
     Gets or sets a value indicating whether this instance is active.
```

## 3.6.1 Detailed Description

Fighter controller.

#### 3.6.2 Member Function Documentation

3.6.2.1 bool FighterController.AnimSync ( )

Animation Sync. Plays the right animation based on player state.

Returns

true false otherwise.

3.6.2.2 void FighterController.ApplyDamage ( HitData hitData )

This function receives a class called hitData. It contains the hit damage and what's colliding.

**Parameters** 

hitData hitData.

3.6.2.3 void FighterController.GoToInitialPosition ( )

Moves the fighter to the initial position.

Implements FighterModel.

3.6.2.4 void FighterController.goToInitialPosition ( )

Moves the fighter to the initial position.

3.6.2.5 void FighterController.initializeVariables ( )

Initializes the variables.

3.6.2.6 void FighterController.playBlockEffects ( )

Plaies the block effects.

3.6.2.7 void FighterController.playGroggyEffects ( )

Plaies the groggy effects.

3.6.2.8 void FighterController.playPunchEffects ( )

Plaies the punch effects.

3.6.2.9 void FighterController.SetTransition ( CombatTransitions t )

Sets the transition.

```
Parameters
```

```
t | T.
```

Implements FighterModel.

```
3.6.2.10 void FighterController.stopGroggyEffects ( )
```

Stops the groggy effects.

3.6.2.11 void FighterController.updateFighterHealth ( )

Updates the health bar status.

3.6.2.12 void FighterController.updateFighterPower ( )

Updates the power bar status.

## 3.6.3 Property Documentation

```
3.6.3.1 bool FighterController.activeInjured [set]
```

Sets a value indicating whether this FighterController active injured.

true if active injured; otherwise, false.

**3.6.3.2 Sprite FighterController.Avatar** [get]

Gets the avatar.

The avatar.

3.6.3.3 CombatStates FighterController.currentState [get]

Gets the state of the current.

The state of the current.

**3.6.3.4** float FighterController.EffectivePower [get], [set]

Gets or sets the effective power.

The effective power.

**3.6.3.5** bool FighterController.Enable [get], [set]

Gets or sets a value indicating whether this FighterController is enable.

true if enable; otherwise, false.

**3.6.3.6** bool FighterController.EnableCountDown [set]

Sets a value indicating whether this FighterController enable count down.

true if enable count down; otherwise, false.

```
3.6.3.7 float FighterController.Health [get]
Gets the health.
The health.
3.6.3.8 float FighterController.HealthBar [set]
Sets the health bar.
The health bar.
3.6.3.9 Sprite FighterController.InjuredAvatar [set]
Sets the injured avatar.
The injured avatar.
3.6.3.10 float FighterController.InjuredDamage [set]
Sets the injured damage.
The injured damage.
3.6.3.11 int FighterController.Injuries [get]
Gets the injuries.
The injuries.
3.6.3.12 bool FighterController.lsActive [get], [set]
Gets or sets a value indicating whether this instance is active.
true if this instance is active; otherwise, false.
3.6.3.13 bool FighterController.isDead [get], [set]
Gets or sets a value indicating whether this FighterController is dead.
true if is dead; otherwise, false.
3.6.3.14 bool FighterController.lsHuman [get], [set]
Gets or sets a value indicating whether this instance is human.
true if this instance is human; otherwise, false.
3.6.3.15 bool FighterController.isSuperPunchLoaded [get], [set]
Gets a value indicating whether this FighterController is super punch loaded.
true if is super punch loaded; otherwise, false.
```

```
3.6.3.16 bool FighterController.KnockOutInfo [set]
Sets a value indicating whether this FighterController knock out info.
true if knock out info; otherwise, false.
3.6.3.17 int FighterController.KnockOuts [get], [set]
Gets or sets the knock outs.
The knock outs.
3.6.3.18 float FighterController.MaxHealth [get]
Gets the max health.
The max health.
3.6.3.19 int FighterController.MaxSuperPunchHits [get]
Gets the max super punch hits.
The max super punch hits.
3.6.3.20 bool FighterController.OnHitSucceed [get], [set]
Gets a value indicating whether this FighterController on hit succeed.
true if on hit succeed; otherwise, false.
3.6.3.21 Vector3 FighterController.Position [get], [set]
Gets or sets the position.
The position.
3.6.3.22 float FighterController.PowerBar [set]
Sets the power bar.
The power bar.
3.6.3.23 float FighterController.RelativeHealth [get]
Gets the relative health.
The relative health.
3.6.3.24 float FighterController.RelativePower [get]
Gets the relative power.
The relative power.
```

```
3.6.3.25 int FighterController.SucceedHits [get], [set]
```

Gets or sets the succeed hits.

The succeed hits.

```
\textbf{3.6.3.26} \quad \textbf{int FighterController.SuperPunchHits} \quad \texttt{[get], [set]}
```

Gets or sets the super punch hits.

The super punch hits.

```
3.6.3.27 string FighterController.Tag [get], [set]
```

Gets or sets the tag.

The tag.

```
3.6.3.28 int FighterController.TotalSucceedHits [get], [set]
```

Gets or sets the total succeed hits.

The total succeed hits.

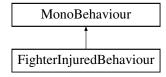
The documentation for this class was generated from the following file:

· behaviour/fighter/FighterController.cs

## 3.7 FighterInjuredBehaviour Class Reference

Fighter injured behaviour.

Inheritance diagram for FighterInjuredBehaviour:



#### **Public Member Functions**

• void setInjuries (float damage)

Enable all the injuries.

#### **Properties**

```
• Transform Body [get]
```

the fighter body.

• float Damage [get, set]

Gets or sets the damage amount.

• int Injuries [get]

Gets the injuries amount.

• int HitLimit [get, set]

Sets the hit limit.

• Sprite Avatar [set]

Sets the avatar.

## 3.7.1 Detailed Description

Fighter injured behaviour.

#### 3.7.2 Member Function Documentation

3.7.2.1 void FighterInjuredBehaviour.setInjuries ( float damage )

Enable all the injuries.

**Parameters** 

damage Damage.

## 3.7.3 Property Documentation

**3.7.3.1 Sprite FighterInjuredBehaviour.Avatar** [set]

Sets the avatar.

The avatar.

**3.7.3.2** Transform FighterInjuredBehaviour.Body [get]

the fighter body.

The body.

**3.7.3.3 float FighterInjuredBehaviour.Damage** [get], [set]

Gets or sets the damage amount.

The damage amount.

**3.7.3.4 int FighterInjuredBehaviour.HitLimit** [get], [set]

Sets the hit limit.

The hit limit.

**3.7.3.5** int FighterInjuredBehaviour.Injuries [get]

Gets the injuries amount.

The injuries.

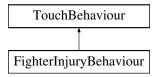
The documentation for this class was generated from the following file:

· behaviour/fighter/injured/FighterInjuredBehaviour.cs

## 3.8 FighterInjuryBehaviour Class Reference

Fighter injury behaviour.

Inheritance diagram for FighterInjuryBehaviour:



#### **Public Member Functions**

• override void OnEnable ()

Use this for initialization

• override void OnTouchBegan (Vector3 value)

Raises the touch down event.

#### **Public Attributes**

- AudioClip onTouchSFX
- AudioClip onCuredSFX

## **Properties**

• int HitsLimit [get, set]

Gets or sets the hits limit.

## 3.8.1 Detailed Description

Fighter injury behaviour.

#### 3.8.2 Member Function Documentation

3.8.2.1 override void FighterInjuryBehaviour.OnEnable ( )

Use this for initialization

3.8.2.2 override void FighterInjuryBehaviour.OnTouchBegan ( Vector3 value )

Raises the touch down event.

## 3.8.3 Property Documentation

**3.8.3.1** int FighterInjuryBehaviour.HitsLimit [get], [set]

Gets or sets the hits limit.

The hits limit.

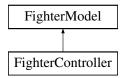
The documentation for this class was generated from the following file:

• behaviour/fighter/injured/FighterInjuryBehaviour.cs

## 3.9 FighterModel Interface Reference

Fighter model.

Inheritance diagram for FighterModel:



#### **Public Member Functions**

- void SetTransition (CombatTransitions t)
- void GoToInitialPosition ()

#### **Properties**

```
float Health [get]
bool IsHuman [get, set]
bool IsActive [get, set]
Vector3 Position [get, set]
int TotalSucceedHits [get, set]
int KnockOuts [get]
bool isDead [get, set]
CombatStates currentState [get]
bool Enable [get, set]
bool OnHitSucceed [get, set]
string Tag [get, set]
```

## 3.9.1 Detailed Description

Fighter model.

The documentation for this interface was generated from the following file:

· behaviour/fighter/FighterController.cs

## 3.10 FingerEvent Class Reference

Finger event.

#### **Public Member Functions**

FingerEvent (ITouchable it=null)
 Initializes a new instance of the FingerEvent class.

• bool Add (ITouchable obj)

Add the specified obj.

• ITouchable getLast ()

Gets the last GameObject added.

void clearList ()

Clears the list.

- bool containsObject (ITouchable obj)
- ITouchable remove (ITouchable obj)

Remove the specified obj.

#### **Public Attributes**

List< |Touchable > touchedObjects = new List<|Touchable > ()

#### 3.10.1 Detailed Description

Finger event.

#### 3.10.2 Constructor & Destructor Documentation

3.10.2.1 FingerEvent.FingerEvent ( ITouchable it = null )

Initializes a new instance of the FingerEvent class.

**Parameters** 

*it* It.

#### 3.10.3 Member Function Documentation

3.10.3.1 bool FingerEvent.Add ( ITouchable obj )

Add the specified obj.

**Parameters** 

obj Object.

3.10.3.2 void FingerEvent.clearList ( )

Clears the list.

3.10.3.3 bool FingerEvent.containsObject ( ITouchable obj )

Checks if touched gameObject(obj) was registered previously touched.

Returns

true, if object was containsed, false otherwise.

**Parameters** 

obj	Object.

3.10.3.4 | ITouchable FingerEvent.getLast ( )

Gets the last GameObject added.

Returns

The last.

3.10.3.5 ITouchable FingerEvent.remove ( ITouchable obj )

Remove the specified obj.

**Parameters** 

obj Object.	
-------------	--

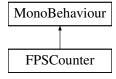
The documentation for this class was generated from the following file:

• behaviour/game/MultiTouchController.cs

## 3.11 FPSCounter Class Reference

FPS counter.

Inheritance diagram for FPSCounter:



## 3.11.1 Detailed Description

FPS counter.

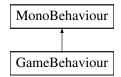
The documentation for this class was generated from the following file:

· test/FPSCounter.cs

## 3.12 GameBehaviour Class Reference

Game behaviour.

Inheritance diagram for GameBehaviour:



#### Classes

· class endRound

End round.

· class fight

Fight.

class GameOver

Game Over

class InitCombat

Init combat.

· class limitRoundReached

The limit Round is Reached

class PlayerLoses

PLayer Loses.

• class PlayerWins

Player Wins.

· class startRound

Start round.

#### **Public Member Functions**

- void showInterstitialAds ()
- void playTheBell ()

Plaies the bell.

• void setCrowdBehaviour ()

Sets the crowd behaviour.

void setGameOverStats ()

Sets the game over stats.

- void loadCombatMusic ()
- void SetTransition (GameTransitions t)

Sets the transition.

#### **Public Attributes**

- AudioClip[] music
- GameObject[] fighters
- bool dynamicCrowd = false
- Vector2 angryCrowdRange = new Vector2(0f,0.25f)
- Vector2 excitedCrowdRange = new Vector2(0.7f,1f)
- float initialBloodMeasure = 0.0f
- Vector3 playerTwoPosition = new Vector3(0,7.47f,0)
- Vector3 playerOnePosition = new Vector3(0,-5.49f,0)
- int maxRounds = 10
- float roundDuration = 20.0f
- · GameObject roundGirl
- GameObject spectatorsExcited
- GameObject spectatorsAngry
- · GameObject bell
- · GameObject versus
- · GameObject win
- · GameObject lose
- · GameObject roundStats

- GameObject knockOutsoStats
- · GameObject succeedHitsStats
- · GameObject gamePad
- · GameObject gameOver

#### **Properties**

```
• int Round [get, set]
     Gets or sets the round.
• bool Versus [set]
     Sets a value indicating whether this GameBehaviour is versus.
• int MaxRounds [get]
     Gets the max rounds.

    float RoundDuration [get]

     Gets the duration of the round.
• FighterModel PlayerONE [get, set]
     Gets or sets the player ON.
• FighterModel MAC [get, set]
     Gets or sets the MA.
• bool RoundGirl [set]
     Sets a value indicating whether this GameBehaviour round girl.
• bool Win [set]
     Sets a value indicating whether this GameBehaviour is window.
• bool Lose [set]
     Sets a value indicating whether this GameBehaviour is lose.
• string RoundNumber [set]
     Sets the round number.

    bool AngrySpectators [set]

     Sets a value indicating whether this GameBehaviour angry spectators.

    bool ExcitedSpectators [set]

     Sets a value indicating whether this GameBehaviour excited spectators.
• bool DynamicCrowd [get]
```

Gets a value indicating whether this GameBehaviour dynamic crowd.

• float RelativeBloodMeasure [get, set]

Gets or sets the relative blood measure.

• bool Crowd [set]

Sets a value indicating whether this GameBehaviour is crowd.

bool GamePad [get, set]

Sets a value indicating whether this GameBehaviour game pad.

• AudioSource soundEffects [get]

Gets the sound effects.

#### 3.12.1 Detailed Description

Game behaviour.

#### 3.12.2 Member Function Documentation

3.12.2.1 void GameBehaviour.playTheBell ( )

Plaies the bell.

```
3.12.2.2 void GameBehaviour.setCrowdBehaviour ( )
Sets the crowd behaviour.
3.12.2.3 void GameBehaviour.setGameOverStats ( )
Sets the game over stats.
3.12.2.4 void GameBehaviour.SetTransition ( GameTransitions t )
Sets the transition.
Parameters
                    T.
                 t
        Property Documentation
3.12.3
3.12.3.1 bool GameBehaviour.AngrySpectators [set]
Sets a value indicating whether this GameBehaviour angry spectators.
true if angry spectators; otherwise, false.
3.12.3.2 bool GameBehaviour.Crowd [set]
Sets a value indicating whether this GameBehaviour is crowd.
true if crowd; otherwise, false.
3.12.3.3 bool GameBehaviour.DynamicCrowd [get]
Gets a value indicating whether this GameBehaviour dynamic crowd.
true if dynamic crowd; otherwise, false.
3.12.3.4 bool GameBehaviour.ExcitedSpectators [set]
Sets a value indicating whether this GameBehaviour excited spectators.
true if excited spectators; otherwise, false.
3.12.3.5 bool GameBehaviour.GamePad [get], [set]
Sets a value indicating whether this GameBehaviour game pad.
true if game pad; otherwise, false.
3.12.3.6 bool GameBehaviour.Lose [set]
Sets a value indicating whether this GameBehaviour is lose.
true if lose; otherwise, false.
```

```
3.12.3.7 FighterModel GameBehaviour.MAC [get], [set]
Gets or sets the MA.
The MA.
3.12.3.8 int GameBehaviour.MaxRounds [get]
Gets the max rounds.
The max rounds.
3.12.3.9 FighterModel GameBehaviour.PlayerONE [get], [set]
Gets or sets the player ON.
The player ON.
3.12.3.10 float GameBehaviour.RelativeBloodMeasure [get], [set]
Gets or sets the relative blood measure.
The relative blood measure.
3.12.3.11 int GameBehaviour.Round [get], [set]
Gets or sets the round.
The round.
3.12.3.12 float GameBehaviour.RoundDuration [get]
Gets the duration of the round.
The duration of the round.
3.12.3.13 bool GameBehaviour.RoundGirl [set]
Sets a value indicating whether this GameBehaviour round girl.
true if round girl; otherwise, false.
3.12.3.14 string GameBehaviour.RoundNumber [set]
Sets the round number.
The round number.
3.12.3.15 AudioSource GameBehaviour.soundEffects [get]
Gets the sound effects.
```

The sound effects.

**3.12.3.16** bool GameBehaviour.Versus [set]

Sets a value indicating whether this GameBehaviour is versus.

true if versus; otherwise, false.

3.12.3.17 bool GameBehaviour.Win [set]

Sets a value indicating whether this GameBehaviour is window.

true if window; otherwise, false.

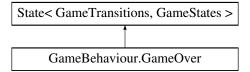
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

#### 3.13 GameBehaviour.GameOver Class Reference

Game Over

Inheritance diagram for GameBehaviour.GameOver:



#### **Public Member Functions**

- GameOver (GameBehaviour parent)
- override void Reason ()
- override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

## 3.13.1 Detailed Description

Game Over

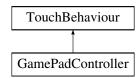
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

## 3.14 GamePadController Class Reference

Game pad controller.

Inheritance diagram for GamePadController:



#### **Public Member Functions**

override void Start ()

Start this instance.

• void OnStartButtonBehaivour ()

Raises the start button behaivour event.

· void OnEndButtonBehaivour ()

ON TOUCH END BEHAIVOUR

override void OnTouchBegan (Vector3 value)

Raises the touch down event.

• override void OnTouchEnded (Vector3 value)

Raises the touch end event.

#### **Public Attributes**

- GamePadConfiguration configuration
- Sprite buttonNormal
- Sprite buttonPushed

#### 3.14.1 Detailed Description

Game pad controller.

#### 3.14.2 Member Function Documentation

3.14.2.1 void GamePadController.OnEndButtonBehaivour ( )

ON TOUCH END BEHAIVOUR

3.14.2.2 void GamePadController.OnStartButtonBehaivour ( )

Raises the start button behaivour event.

3.14.2.3 override void GamePadController.OnTouchBegan ( Vector3 value )

Raises the touch down event.

3.14.2.4 override void GamePadController.OnTouchEnded ( Vector3 value )

Raises the touch end event.

3.14.2.5 override void GamePadController.Start ( )

Start this instance.

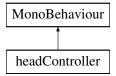
The documentation for this class was generated from the following file:

behaviour/game/GamePadController.cs

## 3.15 headController Class Reference

Head controller.

Inheritance diagram for headController:



## 3.15.1 Detailed Description

Head controller.

The documentation for this class was generated from the following file:

· behaviour/fighter/headController.cs

## 3.16 HitData Class Reference

**Public Attributes** 

- string **tag** = ""
- float damage = 0.0f

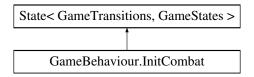
The documentation for this class was generated from the following file:

· behaviour/fighter/PunchController.cs

## 3.17 GameBehaviour.InitCombat Class Reference

Init combat.

Inheritance diagram for GameBehaviour.InitCombat:



#### **Public Member Functions**

- InitCombat (GameBehaviour parent, float duration=0.1f)
- override void Reason ()
- · override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

## 3.17.1 Detailed Description

Init combat.

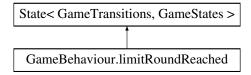
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

## 3.18 GameBehaviour.limitRoundReached Class Reference

The limit Round is Reached

Inheritance diagram for GameBehaviour.limitRoundReached:



**Public Member Functions** 

- · limitRoundReached (GameBehaviour parent)
- override void Reason ()
- · override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

#### 3.18.1 Detailed Description

The limit Round is Reached

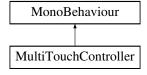
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

## 3.19 MultiTouchController Class Reference

Multi touch controller.

Inheritance diagram for MultiTouchController:



#### **Public Attributes**

LayerMask touchInputMask

## 3.19.1 Detailed Description

Multi touch controller.

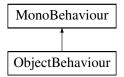
The documentation for this class was generated from the following file:

• behaviour/game/MultiTouchController.cs

## 3.20 ObjectBehaviour Class Reference

Object behaviour. Behaviour of the objects thrown by spectators.

Inheritance diagram for ObjectBehaviour:



#### **Public Attributes**

- float blinkRate = 6.0f
- float rotationSpeed = 500.0f
- Vector2 timeOutRange = new Vector2(2.0f,3.0f)
- bool blink = true
- float damage = 10.0f

## 3.20.1 Detailed Description

Object behaviour. Behaviour of the objects thrown by spectators.

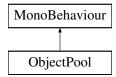
The documentation for this class was generated from the following file:

· behaviour/field/ObjectBehaviour.cs

## 3.21 ObjectPool Class Reference

Object pool.

Inheritance diagram for ObjectPool:



#### **Public Member Functions**

• GameObject activateObject ()

Activates the object.

#### **Public Attributes**

- · GameObject[] objectPool
- int numberOfObjects = 0
- GameObject prefab

## 3.21.1 Detailed Description

Object pool.

#### 3.21.2 Member Function Documentation

3.21.2.1 GameObject ObjectPool.activateObject ( )

Activates the object.

The documentation for this class was generated from the following file:

• behaviour/game/ObjectPool.cs

## 3.22 GameBehaviour.PlayerLoses Class Reference

PLayer Loses.

Inheritance diagram for GameBehaviour.PlayerLoses:



#### **Public Member Functions**

- PlayerLoses (GameBehaviour parent)
- override void Reason ()
- · override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

#### 3.22.1 Detailed Description

PLayer Loses.

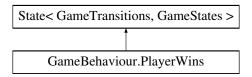
The documentation for this class was generated from the following file:

behaviour/game/GameBehaviour.cs

## 3.23 GameBehaviour.PlayerWins Class Reference

Player Wins.

Inheritance diagram for GameBehaviour.PlayerWins:



#### **Public Member Functions**

- PlayerWins (GameBehaviour parent)
- override void Reason ()
- override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

## 3.23.1 Detailed Description

Player Wins.

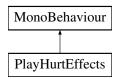
The documentation for this class was generated from the following file:

· behaviour/game/GameBehaviour.cs

## 3.24 PlayHurtEffects Class Reference

Play hurt effects.

Inheritance diagram for PlayHurtEffects:



#### **Public Member Functions**

• void ApplyDamage (HitData hitData)

Applies the damage.

#### **Public Attributes**

- AudioClip hurtSFX
- int particles = 3

## 3.24.1 Detailed Description

Play hurt effects.

#### 3.24.2 Member Function Documentation

3.24.2.1 void PlayHurtEffects.ApplyDamage ( HitData hitData )

Applies the damage.

**Parameters** 

```
hitData Hit data.
```

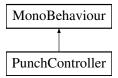
The documentation for this class was generated from the following file:

• behaviour/fighter/PlayHurtEffects.cs

## 3.25 PunchController Class Reference

Punch controller.

Inheritance diagram for PunchController:



## **Properties**

- float effectivePower [get, set]
  - Gets or sets the effective power.
- float defense [get, set]

Gets or sets the defense. NOT IN USE.

• int Hits [get]

#### 3.25.1 Detailed Description

Punch controller.

#### 3.25.2 Property Documentation

 $\textbf{3.25.2.1} \quad \textbf{float PunchController.defense} \quad \texttt{[get], [set]}$ 

Gets or sets the defense. NOT IN USE.

The defense.

**3.25.2.2** float PunchController.effectivePower [get], [set]

Gets or sets the effective power.

The effective power.

The documentation for this class was generated from the following file:

· behaviour/fighter/PunchController.cs

## 3.26 RoundGirlBehaviour Class Reference

Round girl behaviour.

Inheritance diagram for RoundGirlBehaviour:



## 3.26.1 Detailed Description

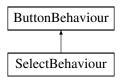
Round girl behaviour.

The documentation for this class was generated from the following file:

· behaviour/field/RoundGirlBehaviour.cs

## 3.27 SelectBehaviour Class Reference

Inheritance diagram for SelectBehaviour:



**Public Member Functions** 

• void enable (bool value)

## **Public Attributes**

- int **buttonID** = 0
- Sprite buttonON
- Sprite buttonOFF
- GameObject associatedObject

#### **Protected Member Functions**

- override void OnEnable ()
- override void action ()

Raises the mouse down event.

#### 3.27.1 Member Function Documentation

**3.27.1.1** override void SelectBehaviour.action ( ) [protected]

Raises the mouse down event.

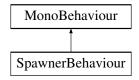
The documentation for this class was generated from the following file:

• behaviour/game/SelectBehaviour.cs

## 3.28 SpawnerBehaviour Class Reference

Spawner behaviour.

Inheritance diagram for SpawnerBehaviour:



## **Public Attributes**

- Vector2 timeRange = new Vector2(5.0f,10.0f)
- Vector2 force = new Vector2(0,-200)

## 3.28.1 Detailed Description

Spawner behaviour.

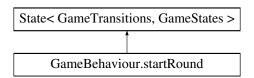
The documentation for this class was generated from the following file:

• behaviour/field/SpawnerBehaviour.cs

## 3.29 GameBehaviour.startRound Class Reference

Start round.

Inheritance diagram for GameBehaviour.startRound:



**Public Member Functions** 

- startRound (GameBehaviour parent, float duration=0.1f)
- override void Reason ()
- override void Act ()
- override void DoBeforeEntering ()
- override void DoBeforeLeaving ()

## 3.29.1 Detailed Description

Start round.

The documentation for this class was generated from the following file:

• behaviour/game/GameBehaviour.cs

## 3.30 testPunchBag Class Reference

Inheritance diagram for testPunchBag:



The documentation for this class was generated from the following file:

• test/testPunchBag.cs

## Index

action	EnableCountDown
SelectBehaviour, 34	FighterController, 12
activateObject	ExcitedSpectators
ObjectPool, 30	GameBehaviour, 23
activeInjured	
FighterController, 12	FPSCounter, 20
Add	FighterController, 8
FingerEvent, 19	activeInjured, 12
AngrySpectators	AnimSync, 11
GameBehaviour, 23	ApplyDamage, 11
AnimSync	Avatar, 12
FighterController, 11	currentState, 12
ApplyDamage	EffectivePower, 12
FighterController, 11	Enable, 12
PlayHurtEffects, 32	EnableCountDown, 12
Avatar	GoToInitialPosition, 11
FighterController, 12	goToInitialPosition, 11
FighterInjuredBehaviour, 16	Health, 12
<b>3 ,</b> , .	HealthBar, 13
BloodBehaviour, 5	initializeVariables, 11
timeOutRange, 5	InjuredAvatar, 13
BloodMeter, 5	InjuredDamage, 13
Measure, 6	Injuries, 13
RelativeMeasure, 6	IsActive, 13
BloodMeterModel, 6	isDead, 13
Body	IsHuman, 13
FighterInjuredBehaviour, 16	isSuperPunchLoaded, 13
,	KnockOutInfo, 13
clearList	KnockOuts, 14
FingerEvent, 19	MaxHealth, 14
containsObject	MaxSuperPunchHits, 14
FingerEvent, 19	OnHitSucceed, 14
Crowd	playBlockEffects, 11
GameBehaviour, 23	playGroggyEffects, 11
currentState	playPunchEffects, 11
FighterController, 12	Position, 14
,	PowerBar, 14
Damage	RelativeHealth, 14
FighterInjuredBehaviour, 16	RelativePower, 14
defense	SetTransition, 11
PunchController, 32	stopGroggyEffects, 12
DynamicCrowd	SucceedHits, 14
GameBehaviour, 23	SuperPunchHits, 15
	Tag, 15
EffectivePower	TotalSucceedHits, 15
FighterController, 12	updateFighterHealth, 12
effectivePower	updateFighterPower, 12
PunchController, 32	FighterInjuredBehaviour, 15
Enable	Avatar, 16
FighterController, 12	Body, 16

38 INDEX

Damage, 16	goToInitialPosition
HitLimit, 16	FighterController, 11
Injuries, 16	
setInjuries, 16	headController, 27
FighterInjuryBehaviour, 17	Health
HitsLimit, 17	FighterController, 12
OnEnable, 17	HealthBar
OnTouchBegan, 17	FighterController, 13
FighterModel, 18	HitData, 27
FingerEvent, 18	HitLimit
Add, 19	FighterInjuredBehaviour, 16
clearList, 19	HitsLimit
containsObject, 19	FighterInjuryBehaviour, 17
FingerEvent, 19	
getLast, 20	initializeVariables
remove, 20	FighterController, 11
1011070; 20	InjuredAvatar
GameBehaviour, 20	FighterController, 13
AngrySpectators, 23	InjuredDamage
Crowd, 23	FighterController, 13
DynamicCrowd, 23	Injuries
ExcitedSpectators, 23	FighterController, 13
GamePad, 23	FighterInjuredBehaviour, 16
Lose, 23	IsActive
MAC, 23	FighterController, 13
MaxRounds, 24	isDead
playTheBell, 22	FighterController, 13
PlayerONE, 24	IsHuman
•	FighterController, 13
RelativeBloodMeasure, 24	isSuperPunchLoaded
Round, 24	FighterController, 13
RoundDuration, 24	righter controller, 13
RoundGirl, 24	KnockOutInfo
RoundNumber, 24	FighterController, 13
setCrowdBehaviour, 22	KnockOuts
setGameOverStats, 23	FighterController, 14
SetTransition, 23	righter controller, 14
soundEffects, 24	Lose
Versus, 24	GameBehaviour, 23
Win, 25	, <u> </u>
GameBehaviour.endRound, 7	MAC
GameBehaviour.fight, 8	GameBehaviour, 23
GameBehaviour.GameOver, 25	MaxHealth
GameBehaviour.InitCombat, 27	FighterController, 14
GameBehaviour.limitRoundReached, 28	MaxRounds
GameBehaviour.PlayerLoses, 30	GameBehaviour, 24
GameBehaviour.PlayerWins, 31	MaxSuperPunchHits
GameBehaviour.startRound, 34	FighterController, 14
GamePad	Measure
GameBehaviour, 23	BloodMeter, 6
GamePadController, 25	MultiTouchController, 28
OnEndButtonBehaivour, 26	Walti Tode Too Titroller, 20
OnStartButtonBehaivour, 26	ObjectBehaviour, 29
OnTouchBegan, 26	ObjectPool, 29
OnTouchEnded, 26	activateObject, 30
Start, 26	OnEnable
getLast	FighterInjuryBehaviour, 17
FingerEvent, 20	OnEndButtonBehaivour
GoToInitialPosition	GamePadController, 26
FighterController, 11	OnHitSucceed
riginarountrollar, 11	On illoucceed

INDEX 39

FighterController, 14 OnStartButtonBehaivour	GameBehaviour, 23 soundEffects
GamePadController, 26	GameBehaviour, 24
OnTouchBegan	SpawnerBehaviour, 34
FighterInjuryBehaviour, 17	Start
GamePadController, 26	GamePadController, 26
OnTouchEnded	
	stopGroggyEffects
GamePadController, 26	FighterController, 12
playPlackEffacts	SucceedHits
playBlockEffects	FighterController, 14
FighterController, 11	SuperPunchHits
playGroggyEffects	FighterController, 15
FighterController, 11	_
PlayHurtEffects, 31	Tag
ApplyDamage, 32	FighterController, 15
playPunchEffects	testPunchBag, 35
FighterController, 11	timeOutRange
playTheBell	BloodBehaviour, 5
GameBehaviour, 22	TotalSucceedHits
PlayerONE	FighterController, 15
GameBehaviour, 24	,
Position Position	updateFighterHealth
	FighterController, 12
FighterController, 14	updateFighterPower
PowerBar	FighterController, 12
FighterController, 14	righter controller, 12
PunchController, 32	Versus
defense, 32	GameBehaviour, 24
effectivePower, 32	Gamebenaviour, 24
	Win
RelativeBloodMeasure	GameBehaviour, 25
GameBehaviour, 24	Gamebenaviour, 25
RelativeHealth	
FighterController, 14	
RelativeMeasure	
BloodMeter, 6	
RelativePower	
FighterController, 14	
remove	
FingerEvent, 20	
Round	
GameBehaviour, 24	
RoundDuration	
GameBehaviour, 24	
RoundGirl	
GameBehaviour, 24	
RoundGirlBehaviour, 33	
RoundNumber	
GameBehaviour, 24	
SelectBehaviour, 33	
action, 34	
setCrowdBehaviour	
GameBehaviour, 22	
setGameOverStats	
GameBehaviour, 23	
setInjuries	
FighterInjuredBehaviour, 16	
SetTransition	
FighterController, 11	