Emotional Appraisal Asset

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ii CONTENTS

Contents

1	Nam	nespace Index	1
	1.1	Packages	1
2	Hiera	archical Index	1
	2.1	Class Hierarchy	1
3	Clas	es Index	2
	3.1	Class List	2
4	Nam	nespace Documentation	3
	4.1	AutobiographicMemory Namespace Reference	3
	4.2	AutobiographicMemory.DTOs Namespace Reference	3
	4.3	EmotionalAppraisal Namespace Reference	3
	4.4	EmotionalAppraisal.DTOs Namespace Reference	3
	4.5	KnowledgeBase Namespace Reference	3
	4.6	KnowledgeBase.Conditions Namespace Reference	3
		4.6.1 Enumeration Type Documentation	4
5	Clas	es Documentation	4
	5.1	AutobiographicMemory.DTOs.ActionEventDTO Class Reference	4
		5.1.1 Detailed Description	4
		5.1.2 Property Documentation	4
	5.2	AutobiographicMemory.DTOs.EventDTO Class Reference	5
		5.2.1 Detailed Description	5
		5.2.2 Property Documentation	5
	5.3	AutobiographicMemory.DTOs.PropertyChangeEventDTO Class Reference	5
		5.3.1 Detailed Description	6
		5.3.2 Property Documentation	6
	5.4	EmotionalAppraisal.DTOs.AppraisalRuleDTO Class Reference	6
		5.4.1 Detailed Description	6
		5.4.2 Property Documentation	7

1 Namespace Index

	5.5	EmotionalAppraisal.DTOs.BeliefDTO Class Reference		
		5.5.1	Detailed Description	7
		5.5.2	Property Documentation	7
	5.6	Emotio	onalAppraisal.DTOs.EmotionDispositionDTO Class Reference	8
		5.6.1	Detailed Description	8
		5.6.2	Property Documentation	8
	5.7	Emotio	onalAppraisal.DTOs.EmotionDTO Class Reference	9
		5.7.1	Detailed Description	9
		5.7.2	Property Documentation	9
	5.8	Emotio	onalAppraisal.EmotionalAppraisalAsset Class Reference	10
		5.8.1	Detailed Description	12
		5.8.2	Constructor & Destructor Documentation	12
		5.8.3	Member Function Documentation	12
		5.8.4	Property Documentation	17
nd	ex			19
ı	Na	mespa	nce Index	
1.1	Pa	ckages		
Her	e are	the pac	ckages with brief descriptions (if available):	
	Auto	biograp	phicMemory	3
	Auto	biograp	phicMemory.DTOs	3
	Emo	tionalA	ppraisal	3
	Emo	tionalA	ppraisal.DTOs	3
	Knov	wledgel	Base	3
	Knov	wledgel	Base.Conditions	3
2	Hie	erarchi	cal Index	

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

AutobiographicMemory.DTOs.EventDTO	
AutobiographicMemory.DTOs.ActionEventDTO	4
AutobiographicMemory.DTOs.PropertyChangeEventDTO BaseAsset	5
EmotionalAppraisal.EmotionalAppraisalAsset	10
EmotionalAppraisal.DTOs.AppraisalRuleDTO	6
Emotional Appraisal. DTOs. Belief DTO	7
Emotional Appraisal. DTOs. Emotion Disposition DTO	8
Emotional Appraisal. DTOs. Emotion DTO ICustom Serialization	9
EmotionalAppraisal.EmotionalAppraisalAsset	10

3 Class Index

3.1 Class List

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

AutobiographicMemory.DTOs.ActionEventDTO Data Type Object Class for the representation of an Event referent to an action execution	4
AutobiographicMemory.DTOs.EventDTO Base Data Type Object Class for the representation of an Event	5
AutobiographicMemory.DTOs.PropertyChangeEventDTO Data Type Object Class for the representation of an Event referent to a property value change	5
EmotionalAppraisal.DTOs.AppraisalRuleDTO Data Type Object Class for the representation of an Appraisal Rule. Appraisal rules determines how emotions are generated based on perceived events.	6
EmotionalAppraisal.DTOs.BeliefDTO Data Type Object Class for the representation of a belief that the asset has about a property of the world	7
EmotionalAppraisal.DTOs.EmotionDispositionDTO Data Type Object Class for the representation of the Emotional Dispositions	8
EmotionalAppraisal.DTOs.EmotionDTO Data Type Object Class for the representation of an Emotion	9
EmotionalAppraisal.EmotionalAppraisalAsset Main class of the Emotional Appraisal Asset.	10

4 Namespace Documentation

4.1 AutobiographicMemory Namespace Reference

Namespaces

4.2 AutobiographicMemory.DTOs Namespace Reference

Classes

class ActionEventDTO

Data Type Object Class for the representation of an Event referent to an action execution

class EventDTO

Base Data Type Object Class for the representation of an Event

class PropertyChangeEventDTO

Data Type Object Class for the representation of an Event referent to a property value change

4.3 Emotional Appraisal Namespace Reference

Namespaces

Classes

• class EmotionalAppraisalAsset

Main class of the Emotional Appraisal Asset.

4.4 Emotional Appraisal. DTOs Namespace Reference

Classes

· class AppraisalRuleDTO

Data Type Object Class for the representation of an Appraisal Rule. Appraisal rules determines how emotions are generated based on perceived events.

· class BeliefDTO

Data Type Object Class for the representation of a belief that the asset has about a property of the world

class EmotionDispositionDTO

Data Type Object Class for the representation of the Emotional Dispositions

class EmotionDTO

Data Type Object Class for the representation of an Emotion

4.5 KnowledgeBase Namespace Reference

Namespaces

4.6 KnowledgeBase.Conditions Namespace Reference

Enumerations

enum LogicalQuantifier: byte { LogicalQuantifier.Existential, LogicalQuantifier.Universal }

Represents logical quantification modes

4.6.1 Enumeration Type Documentation

4.6.1.1 enum KnowledgeBase.Conditions.LogicalQuantifier:byte [strong]

Represents logical quantification modes

Enumerator

Existential Sets of conditions evaluated in this mode, return true if at least on possible case is considered valid.

Universal Sets of conditions evaluated in this mode, return true only if all the possible cases are considered valid.

5 Class Documentation

5.1 AutobiographicMemory.DTOs.ActionEventDTO Class Reference

Data Type Object Class for the representation of an Event referent to an action execution

Inherits AutobiographicMemory.DTOs.EventDTO.

Properties

```
• string Action [get, set]
```

The action referent to this event.

• string Target [get, set]

The target of action to which this event refers.

5.1.1 Detailed Description

Data Type Object Class for the representation of an Event referent to an action execution

5.1.2 Property Documentation

5.1.2.1 string AutobiographicMemory.DTOs.ActionEventDTO.Action [get], [set]

The action referent to this event.

5.1.2.2 string AutobiographicMemory.DTOs.ActionEventDTO.Target [get], [set]

The target of action to which this event refers.

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

· ActionEventDTO.cs

5.2 AutobiographicMemory.DTOs.EventDTO Class Reference

Base Data Type Object Class for the representation of an Event

Inherited by AutobiographicMemory.DTOs.ActionEventDTO, and AutobiographicMemory.DTOs.PropertyChange ← EventDTO.

Properties

```
• uint ld [get, set]
```

The unique identifier of the event

• string Event [get, set]

The full string representation of this event

• string Subject [get, set]

The subject of the event (ie. Who is responsible responsible for this event)

• ulong Time [get, set]

The timestamp/tick in which this event was stored

5.2.1 Detailed Description

Base Data Type Object Class for the representation of an Event

5.2.2 Property Documentation

5.2.2.1 string AutobiographicMemory.DTOs.EventDTO.Event [get], [set]

The full string representation of this event

```
5.2.2.2 uint AutobiographicMemory.DTOs.EventDTO.ld [get], [set]
```

The unique identifier of the event

```
5.2.2.3 string AutobiographicMemory.DTOs.EventDTO.Subject [get], [set]
```

The subject of the event (ie. Who is responsible responsible for this event)

```
5.2.2.4 ulong AutobiographicMemory.DTOs.EventDTO.Time [get], [set]
```

The timestamp/tick in which this event was stored

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

· EventDTO.cs

5.3 AutobiographicMemory.DTOs.PropertyChangeEventDTO Class Reference

Data Type Object Class for the representation of an Event referent to a property value change

Inherits AutobiographicMemory.DTOs.EventDTO.

Properties

```
    string Property [get, set]
        The property that was modified.

    string NewValue [get, set]
        The new value that property has.
```

5.3.1 Detailed Description

Data Type Object Class for the representation of an Event referent to a property value change

5.3.2 Property Documentation

5.3.2.1 string AutobiographicMemory.DTOs.PropertyChangeEventDTO.NewValue [get], [set]

The new value that property has.

5.3.2.2 string AutobiographicMemory.DTOs.PropertyChangeEventDTO.Property [get],[set]

The property that was modified.

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

· PropertyChangeEventDTO.cs

5.4 Emotional Appraisal. DTOs. Appraisal Rule DTO Class Reference

Data Type Object Class for the representation of an Appraisal Rule. Appraisal rules determines how emotions are generated based on perceived events.

Properties

```
• Guid Id [get, set]
```

Unique indentifier of the appraisal rule

• string EventMatchingTemplate [get, set]

The matching template for the events we want to appraise with this rule.

• float Desirability [get, set]

The desirability of the event

• float Praiseworthiness [get, set]

The praisewothiness of the event.

• ConditionSetDTO Conditions [get, set]

The conditions in which this event must be appraised. If the conditions are not met, the event appraisal is ignored.

5.4.1 Detailed Description

Data Type Object Class for the representation of an Appraisal Rule. Appraisal rules determines how emotions are generated based on perceived events.

5.4.2 Property Documentation

```
5.4.2.1 ConditionSetDTO EmotionalAppraisal.DTOs.AppraisalRuleDTO.Conditions [qet], [set]
```

The conditions in which this event must be appraised. If the conditions are not met, the event appraisal is ignored.

```
5.4.2.2 float Emotional Appraisal.DTOs. Appraisal RuleDTO. Desirability [get], [set]
```

The desirability of the event

```
5.4.2.3 string Emotional Appraisal. DTOs. Appraisal Rule DTO. Event Matching Template [get], [set]
```

The matching template for the events we want to appraise with this rule.

```
5.4.2.4 Guid Emotional Appraisal. DTOs. Appraisal Rule DTO. Id [get], [set]
```

Unique indentifier of the appraisal rule

```
5.4.2.5 float Emotional Appraisal. DTOs. Appraisal Rule DTO. Praise worthiness [get], [set]
```

The praisewothiness of the event.

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

AppraisalRuleDTO.cs

5.5 Emotional Appraisal. DTOs. Belief DTO Class Reference

Data Type Object Class for the representation of a belief that the asset has about a property of the world

Properties

```
• string Name [get, set]
```

The name of the property that this belief refers.

• string Value [get, set]

The value that is believed that this property has.

• string Perspective [get, set]

From which perspective does this property holds this value.

5.5.1 Detailed Description

Data Type Object Class for the representation of a belief that the asset has about a property of the world

5.5.2 Property Documentation

5.5.2.1 string Emotional Appraisal. DTOs. Belief DTO. Name [get], [set]

The name of the property that this belief refers.

5.5.2.2 string Emotional Appraisal. DTOs. Belief DTO. Perspective [get], [set]

From which perspective does this property holds this value.

I belief that this sky is blue. Name = Color(Sky) Value = Blue Perspective = SELF

I belief that John believes that the sky is green. Name = Color(Sky) Value = Green Perspective = John

5.5.2.3 string Emotional Appraisal. DTOs. Belief DTO. Value [get], [set]

The value that is believed that this property has.

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

· BeliefDTO.cs

5.6 Emotional Appraisal. DTOs. Emotion Disposition DTO Class Reference

Data Type Object Class for the representation of the Emotional Dispositions

Properties

• string Emotion [get, set]

The emotion type key. Used to uniquely identify the emotion type.

• int Decay [get, set]

The amount of decay the emotion is subjected to at each update. The higher the value, the faster the emotion disipates

• int Threshold [get, set]

The activation threshold for this emotion. Lower thresholds allow the emotion to be activated at lower intencities, while higher threshold do the oposite.

5.6.1 Detailed Description

Data Type Object Class for the representation of the Emotional Dispositions

5.6.2 Property Documentation

5.6.2.1 int Emotional Appraisal. DTOs. Emotion Disposition DTO. Decay [get], [set]

The amount of decay the emotion is subjected to at each update. The higher the value, the faster the emotion disipates

5.6.2.2 string Emotional Appraisal. DTOs. Emotion Disposition DTO. Emotion [get], [set]

The emotion type key. Used to uniquely identify the emotion type.

5.6.2.3 int Emotional Appraisal. DTOs. Emotion Disposition DTO. Threshold [get], [set]

The activation threshold for this emotion. Lower thresholds allow the emotion to be activated at lower intencities, while higher threshold do the oposite.

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

· EmotionDispositionDTO.cs

5.7 Emotional Appraisal. DTOs. Emotion DTO Class Reference

Data Type Object Class for the representation of an Emotion

Properties

• string Type [get, set]

The emotion type key. Used to uniquely identify the emotion type.

• float Intensity [get, set]

The current intencity of the emotion

• uint CauseEventId [get, set]

The event that caused the expression of this emotion

• string Cause EventName [get, set]

The string representation of the event that caused this emotion

5.7.1 Detailed Description

Data Type Object Class for the representation of an Emotion

5.7.2 Property Documentation

5.7.2.1 uint EmotionalAppraisal.DTOs.EmotionDTO.CauseEventId [get], [set]

The event that caused the expression of this emotion

 $\textbf{5.7.2.2} \quad \textbf{string Emotional Appraisal.DTOs. Emotion DTO. Cause Event Name} \quad [\texttt{get}], [\texttt{set}]$

The string representation of the event that caused this emotion

5.7.2.3 float Emotional Appraisal. DTOs. Emotion DTO. Intensity [get], [set]

The current intencity of the emotion

5.7.2.4 string Emotional Appraisal. DTOs. Emotion DTO. Type [get], [set]

The emotion type key. Used to uniquely identify the emotion type.

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

• EmotionDTO.cs

5.8 Emotional Appraisal. Emotional Appraisal Asset Class Reference

Main class of the Emotional Appraisal Asset.

Inherits BaseAsset, and ICustomSerialization.

Public Member Functions

EmotionDTO AddActiveEmotion (EmotionDTO emotion)

Creates a new Active Emotion and adds it to the asset's currently experiencing emotions set.

void RemoveEmotion (EmotionDTO emotion)

Removes the given emotion from the asset's active emotions set.

void AddOrUpdateAppraisalRule (AppraisalRuleDTO emotionalAppraisalRule)

Adds an emotional reaction to an event

• void AddAppraisalRuleCondition (Guid appraisalRuleId, string conditionString)

Adds an evaluation condition to an appraisal rule

• void RemoveAppraisalRuleCondition (Guid appraisalRuleId, string conditionString)

Removes an evaluation condition from an appraisal rule

uint AddEventRecord (EventDTO eventDTO)

Add an Event Record to the asset's autobiographical memory

void UpdateEventRecord (EventDTO eventDTO)

Updates the associated data regarding a recorded event.

EventDTO GetEventDetails (uint eventId)

Returns all the associated information regarding an event

void ForgetEvent (uint eventId)

Removes and forgets an event

void AddEmotionDisposition (EmotionDispositionDTO emotionDispositionDto)

Creates and adds an emotional disposition to the asset.

EmotionDispositionDTO GetEmotionDisposition (string emotionType)

Returns the emotional dispotion associated to a given emotion type.

void RemoveEmotionDisposition (string emotionType)

Removes an emotional disposition from the asset.

IEnumerable < AppraisalRuleDTO > GetAllAppraisalRules ()

Returns all the appraisal rules

• ConditionSetDTO GetAllAppraisalRuleConditions (Guid ruleId)

Returns the condition set used for evaluating a particular appraisal rule set.

void RemoveAppraisalRules (IEnumerable < AppraisalRuleDTO > appraisalRules)

Removes appraisal rules from the asset.

void SetPerspective (string newPerspective)

Change the perspective of the memories of the asset. Use this to change "name" which the asset identifies as itself.

EmotionalAppraisalAsset (string perspective)

Asset constructor. Creates a new empty Emotional Appraisal Asset.

void AppraiseEvents (IEnumerable < string > eventNames)

Appraises a set of event strings.

void Update ()

Updates the assets internal clock of the asset and updates emotional decay

void Reappraise ()

Reappraise the assets current emotional status

void AddOrUpdateBelief (BeliefDTO belief)

Adds a new belief to the asset's knowledge base. If the belief already exists, its value is updated.

• string GetBeliefValue (string beliefName)

Return the value associated to a belief. Only returns believes regarding a SELF perspective.

bool BeliefExists (string name)

Asks if the asset has a specific belief.

void RemoveBelief (string name, string perspective)

Removes a belief from the asset's knowledge base.

void SaveToFile (Stream stream)

Save the asset in a data stream

Static Public Member Functions

• static EmotionalAppraisalAsset LoadFromFile (string filename)

Static method used to load an Emotional Appraisal Asset state from a file.

Properties

double HalfLifeDecayConstant [get]

The half-life base decay for the exponential decay lambda calculation. To calculate the lambda, divide this constant by the required half-life time.

• float EmotionInfluenceOnMoodFactor [get]

Defines how strong is the influence of the emotion's intensity on the character's mood. Since we don't want the mood to be very volatile, we only take into account 30% of the emotion's intensity

• float MoodInfluenceOnEmotionFactor [get]

Defines how strong is the influence of the current mood in the intensity of the emotion. We don't want the influence of mood to be that great, so we only take into account 30% of the mood's value

double MinimumMoodValueForInfluencingEmotions [get]

Defines the minimum absolute value that mood must have, in order to be considered for influencing emotions. At the moment, values of mood ranged in]-0.5;0.5[are considered to be neutral moods that do not influence emotions

• float EmotionalHalfLifeDecayTime [get]

Defines how fast a emotion decay over time. This value is the actual time it takes for an emotion to reach half of its initial intensity

float MoodHalfLifeDecayTime [get]

Defines how fast mood decay over time. This value is the actual time it takes the mood to reach half of its initial intensity

• string Perspective [get]

Indicates the name of the agent that corresponds to "SELF"

• ulong Tick [get, set]

The amount of update ticks this asset as experienced since its initialization

• float Mood [get, set]

The emotional mood of the agent, which can vary from -10 to 10

• string Description [get, set]

A short description of the asset's configuration

• EmotionDispositionDTO DefaultEmotionDisposition [get, set]

Gets/Sets the default emotion disposition parameters.

IEnumerable < EmotionDTO > ActiveEmotions [get]

Returns the current set of active emotions Returns

An enumerable containing the emotion DTOs of the currently active emotions being expressed by the asset.

IEnumerable < EmotionDispositionDTO > EmotionDispositions [get]

The asset's currently defined Emotion Dispositions.

• IEnumerable < EventDTO > EventRecords [get]

Gets all the recorded events experienced by the asset.

IEnumerable < string > EmotionTypes [get]

The currently supported emotional type keys

5.8.1 Detailed Description

Main class of the Emotional Appraisal Asset.

5.8.2 Constructor & Destructor Documentation

5.8.2.1 Emotional Appraisal. Emotional Appraisal Asset (string perspective)

Asset constructor. Creates a new empty Emotional Appraisal Asset.

Parameters

perspective	The initial perspective of the asset.
-------------	---------------------------------------

5.8.3 Member Function Documentation

5.8.3.1 EmotionDTO Emotional Appraisal. Emotional Appraisal Asset. Add Active Emotion (Emotion DTO emotion)

Creates a new **Active Emotion** and adds it to the asset's currently experiencing emotions set.

Exceptions

ArgumentException	Thrown if the given emotion is already being experienced by the asset. This can
	happend if in the given EmotionDTO the pair of parameters Type and CauseEventId
	are equal to an already existent ActiveEmotion in the asset.

Parameters

emotion	The DTO containing the emotion parameters to be used in the active emotion creation process
---------	---

Returns

The DTO representing the actual emotion added to the active emotion set.

5.8.3.2 void EmotionalAppraisal.EmotionalAppraisalAsset.AddAppraisalRuleCondition (Guid appraisalRuleId, string conditionString)

Adds an evaluation condition to an appraisal rule

Parameters

appraisal⊷ RuleId	The unique identifier for the appraisal rule that we want to modify
conditionString	The string representation of the condition we want to add to the rule

5.8.3.3 void EmotionalAppraisal.EmotionalAppraisalAsset.AddEmotionDisposition (EmotionDispositionDTO emotionDispositionDto)

Creates and adds an emotional disposition to the asset.

Parameters

emotionDispositionDto	The dto containing the parameters to create a new emotional disposition on the asset

5.8.3.4 uint Emotional Appraisal. Emotional Appraisal Asset. Add Event Record (Event DTO event DTO)

Add an Event Record to the asset's autobiographical memory

Parameters

eventDTO The	e dto containing the information regarding the event to add
--------------	---

Returns

The unique identifier associated to the event

5.8.3.5 void EmotionalAppraisal.EmotionalAppraisalAsset.AddOrUpdateAppraisalRule (AppraisalRuleDTO emotionalAppraisalRule)

Adds an emotional reaction to an event

Parameters

emotionalAppraisalRule	the AppraisalRule to add

5.8.3.6 void EmotionalAppraisal.EmotionalAppraisalAsset.AddOrUpdateBelief (BeliefDTO belief)

Adds a new belief to the asset's knowledge base. If the belief already exists, its value is updated.

Parameters

belief	The dto containing the parameters for the belief to add or update.
--------	--

5.8.3.7 void Emotional Appraisal. Emotional Appraisal Asset. Appraise Events (I Enumerable < string > event Names)

Appraises a set of event strings.

Durring appraisal, the events will be recorded in the asset's autobiographical memory, and Property Change Events will update the asset's knowledge about the world, allowing the asset to use the new information derived from the events to appraise the correspondent emotions.

Parameters

eventNames	A set of string representation of the events to appraise
------------	--

5.8.3.8 bool EmotionalAppraisal.EmotionalAppraisalAsset.BeliefExists (string name)

Asks if the asset has a specific belief.

Parameters

name	The belief name to determine if any value is associated to it.
------	--

Returns

True if the requested belief has a value. False otherwise.

5.8.3.9 void Emotional Appraisal. Emotional Appraisal Asset. Forget Event (uint eventId)

Removes and forgets an event

Parameters

event←	The id of the event to forget.
ld	

5.8.3.10 ConditionSetDTO EmotionalAppraisal.EmotionalAppraisalAsset.GetAllAppraisalRuleConditions (Guid ruleId)

Returns the condition set used for evaluating a particular appraisal rule set.

Parameters

1	rule⊷	The unique identifier of the appraisal rule.
1	ld	

Returns

The dto of the condition set associated to the requested appraisal rule.

Exceptions

ArgumentException	Thrown if the requested appraisal rule could not be found.

5.8.3.11 IEnumerable < Appraisal Rule DTO > Emotional Appraisal Emotional Appraisal Asset. Get All Appraisal Rules ()

Returns all the appraisal rules

Returns

The set of dtos containing the information for all the appraisal rules

5.8.3.12 string Emotional Appraisal. Emotional Appraisal Asset. Get Belief Value (string belief Name)

Return the value associated to a belief. Only returns believes regarding a SELF perspective.

Parameters

beliefName	The name of the belief to return	
Dononvanio	The hame of the belief to retain	

Returns

The string value of the belief, or null if no belief exists.

5.8.3.13 EmotionDispositionDTO EmotionalAppraisal.EmotionalAppraisalAsset.GetEmotionDisposition (string emotionType)

Returns the emotional dispotion associated to a given emotion type.

Parameters

emotionType	The emotion type key of the emotional disposition to retrieve
-------------	---

Returns

The dto containing the retrieved emotional disposition information

5.8.3.14 EventDTO EmotionalAppraisal.EmotionalAppraisalAsset.GetEventDetails (uint eventId)

Returns all the associated information regarding an event

Parameters

event←	The id of the event to retrieve
ld	

Returns

The dto containing the information of the retrieved event

5.8.3.15 static EmotionalAppraisalAsset EmotionalAppraisal.EmotionalAppraisalAsset.LoadFromFile (string *filename*) [static]

Static method used to load an Emotional Appraisal Asset state from a file.

Parameters

filename	The file path from which to load the asset.

Returns

The loaded instance of a Emotional Appraisal Asset.

5.8.3.16 void Emotional Appraisal. Emotional Appraisal Asset. Reappraise ()

Reappraise the assets current emotional status

Currently this method is not fully developed. As such it will not create any changes to the asset's emotional state

5.8.3.17 void EmotionalAppraisal.EmotionalAppraisalAsset.RemoveAppraisalRuleCondition (Guid appraisalRuleld, string conditionString)

Removes an evaluation condition from an appraisal rule

Parameters

appraisal <i>⇔</i> RuleId	The unique identifier for the appraisal rule that we want to modify
conditionString	The string representation of the condition we want to remove from the rule

5.8.3.18 void EmotionalAppraisal.EmotionalAppraisalAsset.RemoveAppraisalRules (IEnumerable < AppraisalRuleDTO > appraisalRules)

Removes appraisal rules from the asset.

Parameters

appraisalRules	A dto set of the appraisal rules to remove
----------------	--

5.8.3.19 void Emotional Appraisal. Emotional Appraisal Asset. Remove Belief (string name, string perspective)

Removes a belief from the asset's knowledge base.

Parameters

name	The name of the belief to remove.
perspective	The perspective of the belief to remove

5.8.3.20 void Emotional Appraisal. Emotional Appraisal Asset. Remove Emotion (Emotion DTO emotion)

Removes the given emotion from the asset's active emotions set.

Parameters

emotion	The DTO containing the emotion parameters to be used to select and remove the requested
	emotion from the active emotion set.

Note that only the **Type** and **CauseEventId** fields are required to select an emotion to be removed.

5.8.3.21 void Emotional Appraisal. Emotional Appraisal Asset. Remove Emotion Disposition (string emotion Type)

Removes an emotional disposition from the asset.

Parameters

emotionType	The emotion type key of the emotional disposition to remove

5.8.3.22 void EmotionalAppraisal.EmotionalAppraisalAsset.SaveToFile (Stream stream)

Save the asset in a data stream

Parameters

stream	the stream to which to save the asset
stream	the stream to which to save the asset

5.8.3.23 void Emotional Appraisal. Emotional Appraisal Asset. Set Perspective (string new Perspective)

Change the perspective of the memories of the asset. Use this to change "name" which the asset identifies as itself.

Parameters

newPerspective	The string containing the new perspective of the asset.
----------------	---

5.8.3.24 void EmotionalAppraisal.EmotionalAppraisalAsset.Update ()

Updates the assets internal clock of the asset and updates emotional decay

5.8.3.25 void EmotionalAppraisal.EmotionalAppraisalAsset.UpdateEventRecord (EventDTO eventDTO)

Updates the associated data regarding a recorded event.

Parameters

eventDTO	The dto containing the information regarding the event to update. The ld field of the dto must
	match the id of the event we want to update.

5.8.4 Property Documentation

5.8.4.1 | IEnumerable < EmotionDTO > Emotional Appraisal. Emotional Appraisal Asset. Active Emotions [get]

Returns the current set of active emotions

Returns

An enumerable containing the emotion DTOs of the currently active emotions being expressed by the asset.

 $\textbf{5.8.4.2} \quad \textbf{EmotionDispositionDTO EmotionalAppraisal.EmotionalAppraisalAsset.DefaultEmotionDisposition} \quad \texttt{[get],} \\ \textbf{[set]}$

Gets/Sets the default emotion disposition parameters.

5.8.4.3 string Emotional Appraisal. Emotional Appraisal Asset. Description [get], [set]

A short description of the asset's configuration

5.8.4.4 IEnumerable<**EmotionDispositionDTO**> **EmotionalAppraisal.EmotionalAppraisalAsset.EmotionDispositions** [get]

The asset's currently defined Emotion Dispositions.

5.8.4.5 IEnumerable < string > Emotional Appraisal. Emotional Appraisal Asset. Emotion Types [get]

The currently supported emotional type keys

5.8.4.6 | IEnumerable < EventDTO > Emotional Appraisal Asset. EventRecords [get]

Gets all the recorded events experienced by the asset.

5.8.4.7 float EmotionalAppraisal.EmotionalAppraisalAsset.Mood [get], [set]

The emotional mood of the agent, which can vary from -10 to 10

5.8.4.8 string Emotional Appraisal. Emotional Appraisal Asset. Perspective [get]

Indicates the name of the agent that corresponds to "SELF"

5.8.4.9 ulong EmotionalAppraisal.EmotionalAppraisalAsset.Tick [get], [set]

The amount of update ticks this asset as experienced since its initialization

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

• EmotionalAppraisalAsset.cs

Index

Action	Emotion
AutobiographicMemory::DTOs::ActionEventDTO, 4	$Emotional Appraisal :: DTOs :: Emotion Disposition \leftarrow$
ActiveEmotions	DTO, 8
EmotionalAppraisal::EmotionalAppraisalAsset, 17	EmotionDispositions
AddActiveEmotion	EmotionalAppraisal::EmotionalAppraisalAsset, 18
EmotionalAppraisal::EmotionalAppraisalAsset, 12	EmotionTypes
AddAppraisalRuleCondition	EmotionalAppraisal::EmotionalAppraisalAsset, 18
EmotionalAppraisal::EmotionalAppraisalAsset, 12	EmotionalAppraisal, 3
AddEmotionDisposition	EmotionalAppraisal.DTOs, 3
EmotionalAppraisal::EmotionalAppraisalAsset, 12	EmotionalAppraisal.DTOs.AppraisalRuleDTO, 6
AddEventRecord	EmotionalAppraisal.DTOs.BeliefDTO, 7
EmotionalAppraisal::EmotionalAppraisalAsset, 13	EmotionalAppraisal.DTOs.EmotionDTO, 9
AddOrUpdateAppraisalRule	EmotionalAppraisal.DTOs.EmotionDispositionDTO, 8
EmotionalAppraisal::EmotionalAppraisalAsset, 13	EmotionalAppraisal.EmotionalAppraisalAsset, 10
AddOrUpdateBelief	EmotionalAppraisal::DTOs::AppraisalRuleDTO
EmotionalAppraisal::EmotionalAppraisalAsset, 13	Conditions, 7
AppraiseEvents	Desirability, 7
EmotionalAppraisal::EmotionalAppraisalAsset, 13	EventMatchingTemplate, 7
AutobiographicMemory, 3	ld, 7
AutobiographicMemory.DTOs, 3	Praiseworthiness, 7
AutobiographicMemory.DTOs.ActionEventDTO, 4	
AutobiographicMemory.DTOs.EventDTO, 5	EmotionalAppraisal::DTOs::BeliefDTO
AutobiographicMemory.DTOs.PropertyChangeEvent ←	Name, 7
DTO, 5	Perspective, 7
AutobiographicMemory::DTOs::ActionEventDTO	Value, 8
Action, 4	EmotionalAppraisal::DTOs::EmotionDTO
Target, 4	CauseEventId, 9
AutobiographicMemory::DTOs::EventDTO	CauseEventName, 9
Event, 5	Intensity, 9
Id, 5	Type, 9
Subject, 5	EmotionalAppraisal::DTOs::EmotionDispositionDTO
Time, 5	Decay, 8
AutobiographicMemory::DTOs::PropertyChange ←	Emotion, 8
EventDTO	Threshold, 8
NewValue, 6	EmotionalAppraisal::EmotionalAppraisalAsset
Property, 6	ActiveEmotions, 17
r roporty, o	AddActiveEmotion, 12
BeliefExists	AddAppraisalRuleCondition, 12
EmotionalAppraisal::EmotionalAppraisalAsset, 14	AddEmotionDisposition, 12
Emotional appraisamemotional appraisal tools, Tr	AddEventRecord, 13
CauseEventId	AddOrUpdateAppraisalRule, 13
EmotionalAppraisal::DTOs::EmotionDTO, 9	AddOrUpdateBelief, 13
CauseEventName	AppraiseEvents, 13
EmotionalAppraisal::DTOs::EmotionDTO, 9	BeliefExists, 14
Conditions	DefaultEmotionDisposition, 17
EmotionalAppraisal::DTOs::AppraisalRuleDTO, 7	Description, 17
,,,,,,,	EmotionDispositions, 18
Decay	EmotionTypes, 18
EmotionalAppraisal::DTOs::EmotionDisposition←	EmotionalAppraisalAsset, 12
DTO, 8	EventRecords, 18
DefaultEmotionDisposition	ForgetEvent, 14
EmotionalAppraisal::EmotionalAppraisalAsset, 17	GetAllAppraisalRuleConditions, 14
Description	GetAllAppraisalRules, 14
EmotionalAppraisal::EmotionalAppraisalAsset, 17	GetBeliefValue, 14
Desirability	GetEmotionDisposition, 15
EmotionalAppraisal::DTOs::AppraisalRuleDTO, 7	GetEventDetails, 15

20 INDEX

LoadFromFile, 15 Mood, 18	Name EmotionalAppraisal::DTOs::BeliefDTO, 7
Perspective, 18	NewValue
Reappraise, 15	AutobiographicMemory::DTOs::PropertyChange ←
RemoveAppraisalRuleCondition, 16	EventDTO, 6
RemoveAppraisalRules, 16	Davanastiva
RemoveBelief, 16	Perspective
RemoveEmotion, 16	EmotionalAppraisal::DTOs::BeliefDTO, 7 EmotionalAppraisal::EmotionalAppraisalAsset, 18
RemoveEmotionDisposition, 16	Praiseworthiness
SaveToFile, 17	EmotionalAppraisal::DTOs::AppraisalRuleDTO, 7
SetPerspective, 17	Property
Tick, 18 Update, 17	AutobiographicMemory::DTOs::PropertyChange ←
UpdateEventRecord, 17	EventDTO, 6
Emotional Appraisal Asset	
EmotionalAppraisal::EmotionalAppraisalAsset, 12	Reappraise
Event	EmotionalAppraisal::EmotionalAppraisalAsset, 15
AutobiographicMemory::DTOs::EventDTO, 5	RemoveAppraisalRuleCondition
EventMatchingTemplate	EmotionalAppraisal::EmotionalAppraisalAsset, 16
EmotionalAppraisal::DTOs::AppraisalRuleDTO, 7	RemoveAppraisalRules
EventRecords	EmotionalAppraisal::EmotionalAppraisalAsset, 16
EmotionalAppraisal::EmotionalAppraisalAsset, 18	RemoveBelief
Existential	EmotionalAppraisal::EmotionalAppraisalAsset, 16
KnowledgeBase::Conditions, 4	RemoveEmotion
3 - 1 - 3 - 1 - 1 - 1 - 1 - 1	EmotionalAppraisal::EmotionalAppraisalAsset, 16
ForgetEvent	RemoveEmotionDisposition
EmotionalAppraisal::EmotionalAppraisalAsset, 14	EmotionalAppraisal::EmotionalAppraisalAsset, 16
	SaveToFile
GetAllAppraisalRuleConditions	
EmotionalAppraisal::EmotionalAppraisalAsset, 14	EmotionalAppraisal::EmotionalAppraisalAsset, 17 SetPerspective
GetAllAppraisalRules	EmotionalAppraisal::EmotionalAppraisalAsset, 17
EmotionalAppraisal::EmotionalAppraisalAsset, 14	Subject
GetBeliefValue	AutobiographicMemory::DTOs::EventDTO, 5
EmotionalAppraisal::EmotionalAppraisalAsset, 14	rationographic morning is a conservation to the
GetEmotionDisposition	Target
EmotionalAppraisal::EmotionalAppraisalAsset, 15	AutobiographicMemory::DTOs::ActionEventDTO, 4
GetEventDetails	Threshold
EmotionalAppraisal::EmotionalAppraisalAsset, 15	$Emotional Appraisal :: DTOs :: Emotion Disposition {\leftarrow}$
ы	DTO, 8
Id AutobiographicMemory::DTOs::EventDTO, 5	Tick
EmotionalAppraisal::DTOs::AppraisalRuleDTO, 7	EmotionalAppraisal::EmotionalAppraisalAsset, 18
Intensity	Time
EmotionalAppraisal::DTOs::EmotionDTO, 9	AutobiographicMemory::DTOs::EventDTO, 5
EmotionalAppraisalb10sEmotionb10, 9	Туре
KnowledgeBase, 3	EmotionalAppraisal::DTOs::EmotionDTO, 9
KnowledgeBase.Conditions, 3	Universal
KnowledgeBase::Conditions	
Existential, 4	KnowledgeBase::Conditions, 4 Update
LogicalQuantifier, 4	EmotionalAppraisal::EmotionalAppraisalAsset, 17
Universal, 4	UpdateEventRecord
	EmotionalAppraisal::EmotionalAppraisalAsset, 17
LoadFromFile	Emotional appraisame motional appraisal Asset, 17
EmotionalAppraisal::EmotionalAppraisalAsset, 15	Value
LogicalQuantifier	EmotionalAppraisal::DTOs::BeliefDTO, 8
KnowledgeBase::Conditions, 4	
Mood Emotional Annraisal Emotional Annraisal Asset 18	