**Change Log for the Entity Class Diagram**

Note: all add methods and delete methods were replaced with createChild and removeChild in all entity classes. toString, equals, and compareTo methods also added to all entities. compareTo is defined in Editable and all entities inherit it.

Library:

Methods Added:

constructors,getSaveableChildren, getEntityChildren, getSaveString, createChild, listOptions, getFunc, listAttributes, delete

Fields Added:

References – list of all references in this library

Argument:

Methods Added:

Constructors,delete,equals,getSaveableChildren,getEntityChildren,getSaveString, createChild, listOptions, getFunc, listAttributes, registerRatedRelation, registerRelation, removeRelation,removeRatedRelation, getRelations

Fields Added:

refArgs – list of RatedRelations

RefArg:

Methods Added:

Constructors, getSaveableChildren, getSaveString,getEntity, setEntity

Fields Added:

Reference – Reference object this refArg points to

Argument - Argument object this RefArg points to

Themes:

Methods Added:

Constructors, equals,getSaveString,getSaveableChildren, createChild, listOptions,

getFunc, listAttributes, delete

Fields Added:

Library – the Library this them is found in.

Reference:

Methods Added:

Constructors, generateCite,generateMLA,generateAPA,addArgument, addIdea, createChild,getSaveString,registerNote,registerRatedRelation,registerRelation,removeRatedRelation,removeRelation, sort, listAttributes, delete, getAttributes, getFunc, listOptions,

Fields Added:

Idea – list of relation opjects

Args – list of RatedRelation objects

Relations – list of all relation and rated relation objects

Note:

Methods Added:

Constructors, getSaveableChildren, createChild, getEntityChildren, getSaveString, listOptions,getFunc,listAttributes, delete,

RefIdea:

Everything in RefIdea was added this sprint.

Topics:

Methods added:

Constructors, equals,getSaveString,getSaveableChildren, createChild, listOptions,

getFunc, listAttributes, delete

Idea:

Everything in Idea was added in this Sprint

RatedRelation:

Diagram created in this Sprint.

Relation:

Diagram created in this Sprint.

Relatable:

Diagram created in this Sprint.

Entity:

Diagram created in this Sprint.

Editable:

Methods Added:

Constructor, getAttribute, setAttribute, getSaveString, registerChild, removeChild, compareTo, createChild, listAttributes, getEntityChildren, sort, listAttributeTitles, getFunc.

Fields Added:

Children – List of the entity objects made by this class

Displayable:

Methods Added:

getAttribute, setAttribute, listOptions

Fields Added:

Func – list of options this displayable can perform