

μWeb - Feature #556

Add a versioned record subclass

2011-12-15 16:26 - Elmer de Loeff

Status:	Closed	Start date:	2011-12-15
Priority:	Normal	Due date:	
Assignee:	Elmer de Loeff	% Done:	100%
Category:	Model	Estimated time:	0.00 hour
Target version:		Spent time:	4.00 hours
Description			
For the Underdark customer and invoicing system, it's necessary to have a version-tracked table with customer information. This problem is easiest solved in the uWeb model itself.			

Associated revisions

Revision 3220:e28d09c8f0a2 - 2011-12-15 16:37 - Elmer de Loeff

Added the VersionedRecord class, which supports versioning a database table. This resolves #556.

Revision 140:ec7bd82d1991 - 2011-12-15 16:37 - Elmer de Loeff

Added the VersionedRecord class, which supports versioning a database table. This resolves #556.

History

#1 - 2011-12-15 16:28 - Elmer de Loeff

Groundwork for the subclass has been committed, this involves creating more delegation between methods and stricter-purpose methods.

#2 - 2011-12-15 16:45 - Elmer de Loeff

- Status changed from *In Progress* to *Resolved*
- Assignee changed from *Elmer de Loeff* to *Jan Klopper*
- % Done changed from 30 to 70

This has been added in r3220 for Underdark. The new VersionedRecord class

It defines the following concepts, additions and changes:

- `cls._RECORD_KEY` - The table field that has groups versioned records together
- `record_key` - property that returns the value of the `_RECORD_KEY` field.
- All `Save()` actions will create a new database entry
 - Records that have a `record_key` defined will use that
 - Records without a `record_key` will have one assigned from the `_NextRecordKey` method.

It (re)defines the following public methods:

- `FromIdentifier` - Gets the last version of a Record based on the record key
- `List` - Yields the latest version of all versioned database entries
- `ListVersions` - Yields all versions for the given record key

Jan, if you could verify the functioning of this in the customer and invoicing portal you're working on, that'd be great.

#3 - 2011-12-16 11:08 - Jan Klopper

- *Status changed from Resolved to Closed*
- *Assignee changed from Jan Klopper to Elmer de Looff*
- *% Done changed from 70 to 100*

Seems to work as intended in 'customer'