15 March 2008

```
# setup database
1
2
     StrokeDB::Config.build :default => true, :base_path => '.movies.strokedb'
3
     include StrokeDB
5
     Movie = Meta.new(:credits => %w[ Автор Актер Режиссер Исполнитель Год ]) do
      has_many :comments
6
7
       on_new_document do |doc|
8
         doc[:credits] |= []
9
       end
10
11
       # :edited_by slot keeps track on who edited this particular version
12
       before_save do |doc|
        doc[:edited_by] ||= doc[:owner]
13
14
       end
15
16
      # returns ordered credits in a form of:
17
      # movie.credits == [ ["Artist", "Mylène Farmer"], ["Director", "Laurent Boutonnat"] ]
18
      def credits
19
        meta.credits.map do |s|
20
          self[s] ? [s, self[s]] : nil
21
         end.compact
22
       end
23
     end
24
25
     Comment = Meta.new
26
27
     User = Meta.new do
28
       on_new_document do |u|
29
       u[:playlists] ||= []
30
       end
31
     end
32
33
     Playlist = Meta.new do
34
       on new document do |pl|
35
        pl[:items] ||= []
36
       end
37
     end
38
           = User.create!(:name => "Олег Андреев")
39
     yrashk = User.create!(:name => "Юрій Рашковський")
40
41
42
     melancholie = Movie.create!(:owner
                                              => oleg,
43
                                :title
                                              => "Je t'aime mélancolie")
44
45
     desenchantee = Movie.create!(:owner
                                              => oleg,
46
                                              => "Désenchantée")
47
     sanscontrefacon = Movie.create!(:owner
48
                                              => yrashk,
49
                                    :title
                                                  => "Sans Contrefaçon")
50
```

```
51
     # Oleg creates a favorites playlist
52
     my favorites = Playlist.new(:owner => oleg,
                                :title => "Favorite MF music videos")
53
54
55
     my_favorites.items += [ melancholie, desenchantee ]
56
     my_favorites.save!
57
58
     # Yurii adds credits to movies
59
     melancholie.edited_by = yrashk
60
     desenchantee.edited_by = yrashk
61
     sanscontrefacon.edited by = yrashk
62
     melancholie["Исполнитель"]
                                  = "Mylène Farmer"
63
     desenchantee["Исполнитель"] = "Mylène Farmer"
64
     sanscontrefacon["Исполнитель"] = "Mylène Farmer"
65
66
     melancholie["Год"]
                          = 1991
67
     desenchantee["Год"]
                         = 1991
     sanscontrefacon["Год"] = 1987
68
69
     melancholie.save!
70
     desenchantee. save!
71
     sanscontrefacon.save!
72
73
     # Oleg adds a comment to "Sans Contrefaçon"
74
     Comment.create!(:text => "Обалдеть!!!111", :owner => oleg, :movie => sanscontrefacon)
75
76
77
     p sanscontrefacon.comments.map{|c|c.text}
78
     # => ["Обалдеть!!!111"]
79
     # Find all Movies
80
     p Movie find map { |d|
81
       "#{d.uuid[0,4]}: #{d.title}"
82
83
84
     # => ["fd59: Je t'aime mélancolie", "66d0: Sans Contrefaçon", "9c4c: Désenchantée"]
85
86
     # Find all Oleg's documents
     p Document.find(:owner => oleg).map { |d|
87
88
      "#{d.meta.name}:#{d.uuid[0,4]}"
89
90
     # => ["Movie:fd59", "Movie:9c4c", "Playlist:8acc", "Comment:8306"]
91
92
     p sanscontrefacon.credits
93
     # => [["Исполнитель", "Mylène Farmer"], ["Год", 1987]]
94
95
     # Find all 1991 year movies
     p Movie.find("Год" => 1991).map { |d| d.title }
96
     # => ["Désenchantée", "Je t'aime mélancolie"]
97
```