

AUDC 2013

Avetica Users & Developers Conference

RESTful xWEB Designing REST Resources Tech TOMORROW

SAY HELLO TO OUR TEAM

Meet your amazing team!



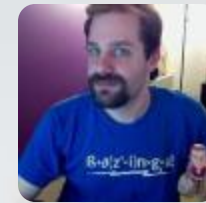
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RESTful xWeb

- REST Services in xWeb
- REST Resources in iWeb
- Demo Creating and Altering Resources
- Questions...

REST Services in xWeb

- New ways to control what data is exposed
 - Manage access through iweb
 - Choose which fields are returned
- Supports business logic customizations
 - Provide access to custom tables
 - Baseline will use custom objects
- Provides data in XML or JSON format, no SOAP
 - Easier to access service using Javascript

REST Services in iWeb

- Forms
 - Represent resources, form mode = “Rest_Resource”
 - Represent List or Detail view for a resource
 - Represent Search fields for a resource

REST Services in iWeb

- Form controls
 - Represent elements in the List or Detail view
- Form Links
 - Represent relations to other resources
- Form Substitutes
 - Used to override a List/Detail or Search form

REST Services in iWeb

- Manage REST resources from user profile
 - View all resources
 - View / Edit object permissions

rest resources

1 2

Name	Allow Select?	Allow Insert?	Allow Update?	Allow Delete?	Deleted?
➔ address_type	yes	yes	yes	yes	no
➔ event	yes	yes	yes	yes	no
➔ event_registrant	yes	yes	yes	yes	no
➔ event_type	yes	yes	yes	yes	no
➔ fax_type	yes	yes	yes	yes	no
➔ individual	yes	yes	yes	yes	no
➔ individual_address	yes	yes	yes	yes	no
➔ individual_fax	yes	yes	yes	yes	no
➔ individual_phone	yes	yes	yes	yes	no
➔ mailing_list	yes	yes	yes	yes	no

Demo - Create Resource

- Create Resource Form
 - Form mode “Rest_Resource”
 - Path “co”
 - Title “animal”
- Add list/detail/search subforms
- Recycle App pool to see new resource

Add Resource List View

- Add subform to Resource
- Design subform
 - Select object “Customer Animal”
 - Add controls
 - Owner name (cst_sort_name_dn)
 - animal type (a01_type)
 - ...
- Set subform control class “RestListSubForm”
- Set subform prefix to “lst”

Add Resource Detail View

- Add subform to Resource
- Design subform
 - Select object “Customer Animal”
 - Add controls
 - Owner name (cst_sort_name_dn)
 - animal type (a01_type)
 - ...
- Set subform control class “RestDetailSubForm”
- Set subform prefix to “dtl”

Add Resource Search View

- Add subform to Resource
- Design subform
 - Select object “Customer Animal”
 - Add controls
 - Owner Id (a01_cst_key)
 - animal type (a01_type)
 - ...
- Set subform control class “RestSearchSubForm”
- Set subform prefix to “sch”

Demo - Alter Resource






- Go to REST List/Detail/Search form
- Substitute form

Dynamic Form Profile



description: Rest individual List Schema
title: individual

object: Individual (Individual)




key: dcca0fc-5088-4530-a6ee-e6f8b5ea1761

 design  old designer  preview  substitute this form  deploy object, form, child form

Primary **More**

  form substitute

Substitute Form

   AUDC Rest individual Detail Schema (Substitute)

Demo - Alter Resource

- Add controls to substitute form
 - cst_animal_breeder_flag
 - cst_animal_shelter_flag
 - cst_num_of_animals
- Recycle App pool to see changes

Demo - Alter Resource

- Go to REST Resource form
- Add form link
 - Link text sets element name (ex. “animals”)
 - set destination form to REST customer animal resource
 - Use sql where to define filter
 - filter=owner_id eq {org_cst_key}
- Recycle App pool to see changes

Demo - Alter Resource

Form Link

Source and Description of Link

source form: Rest individual Resource Schema

link text: animals

aspx file: DynamicEdit.aspx
DynamicProfile.aspx
DynamicList.aspx

order: 60

on edit only?

source form foreign key column:

display on list results?

display on find results?

display on query results?

display on select mode?

Destination of Link

internal path:

internal aspx:

destination form: AUDC Rest Customer Animal Resource Schema

report name:

You cannot have both a destination report and a destination form.

external url:

open in dialog? open in new browser?

one to many?


sql where: filter=owner_id eq {ind_cst_key}

GET IN TOUCH CONTACT US

Our e-mails are no secret

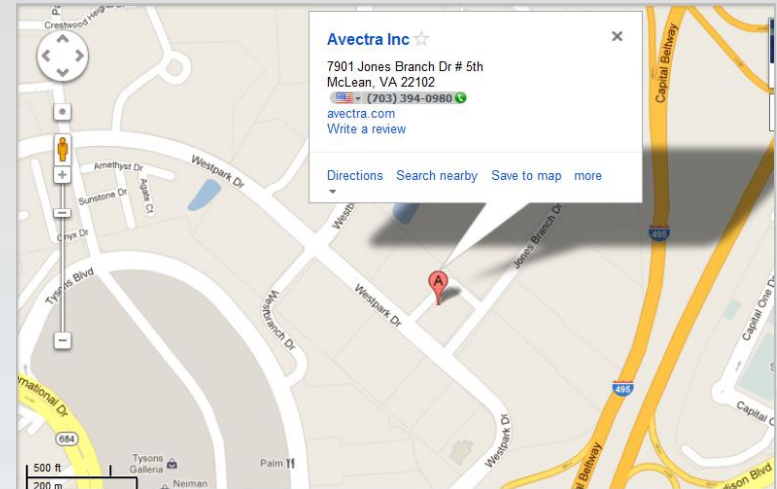
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