

326 Screenshots

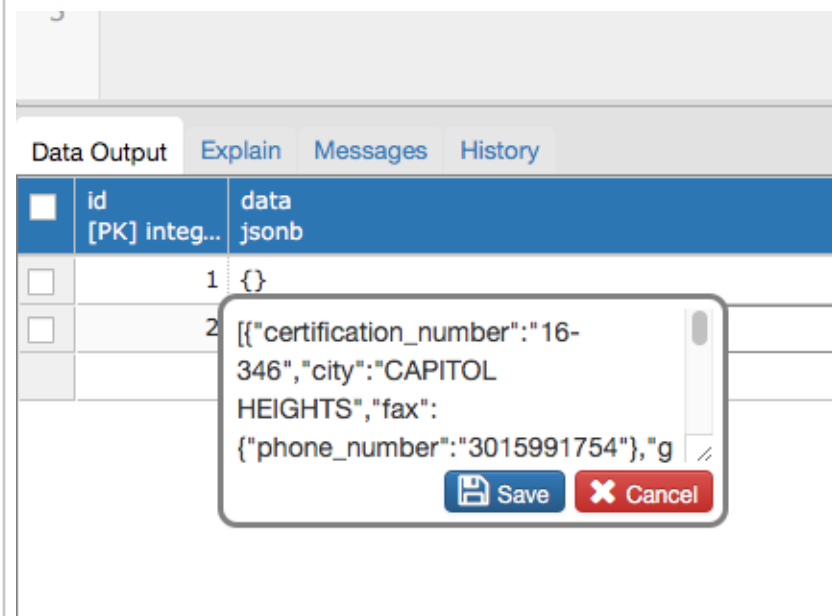
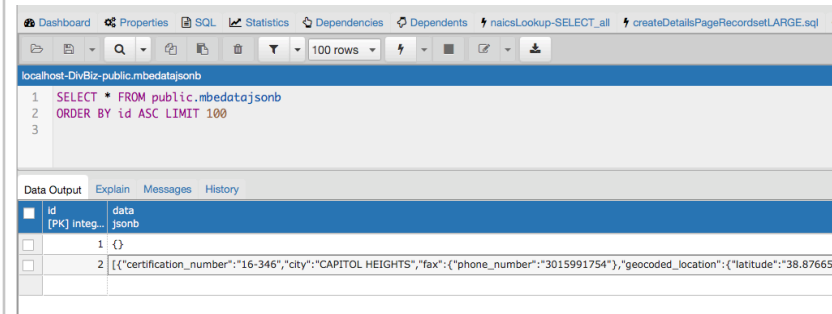
Friday, May 26, 2017

1:22 PM

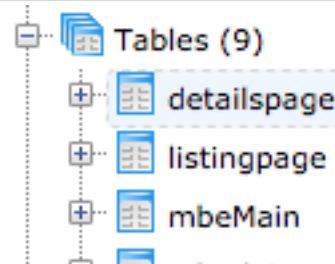
Description

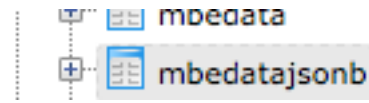
The **GET** call to http target are stored as a jsonb field in database

Screenshot



Two special tables, *detailspage* and *listingpage*, are created on-the-fly by queries for new data.





The **createlistingPageRecordset** query generates a new table, *listingPage*, and populates it with selected records from the json object...

```
DROP TABLE IF EXISTS listingPage;
SELECT * INTO listingPage FROM
jsonb_to_recordset('[ {
  "zip" : "20743",
  "products_services" : "INDUSTRIAL LAUNDRY SERVICES SPECIFICALLY PROFESSIONAL LAUNDRY SERVICES 0 LUXURY HOTELS",
  "naics_code" : "812332-MBE/DBE/SBE",
  "address" : "1030 HAMPTON PARK BLVD. SUITE 100",
  "city" : "CAPITOL HEIGHTS",
  "county" : "PRINCE GEORGE",
  "certification_number" : "16-346"
}]') AS x(Zip text, Products_Services text, naics_code text, address text, city text, county text, certification_number text);
```

...the result is a relational table of the recordset.

zip text	products_services text	naics_code text	address text	city text	county text	certification_number text
20723	ADMINISTRATIVE MANAG...	541811-MBE/DBE/SBE, 5...	8507 ICE CRYSTAL DRIVE	LAUREL	HOWARD	16-343
21211	ENGINEERING SERVICES ...	541330-MBE-ONLY, 5416...	3600 CLIPPER MILL ROAD	BALTIMORE	BALTIMORE CITY	16-407
19124	SERVICE ESTABLISHMEN...	423850-MBE-ONLY, 4246...	5019 MULBERRY STREET	PHILADELPHIA	OTHER STATE	13-423
20603	CUSTOM COMPUTER PRO...	541511-MBE/DBE/SBE, 5...	2334 BUTTE PLACE	WALDORF	CHARLES	14-275
15206	COMMERCIAL AND INSTIT...	236220-MBE/DBE/SBE, 2...	6545 HAMILTON AVENUE...	PITTSBURGH	OTHER STATE	10-368
21208	LIMITED SERVICE RESTA...	722513-MBE/DBE/SBE	8202 PUMPKIN HILL COURT	PIKESVILLE	BALTIMORE	14-276
27560	COMMERCIAL AND INSTIT...	236220-MBE/DBE/SBE, 5...	117 INTERNATIONAL DRI...	MORRISVILLE	OTHER STATE	13-324
21225	ENVIRONMENTAL CONSU...	541620-MBE/DBE/SBE, 6...	3437 9TH STREET	BALTIMORE	BALTIMORE CITY	16-078
20613	PLUMBING HEATING AND ...	238220-MBE/DBE/SBE	12009 LUSBY LANE	BRANDYWINE	PRINCE GEORGES	15-525
21044	ROOFING CONTRACTORS	238160-MBE/DBE/SBE	10560 CROSS FOX LANE	COLUMBIA	HOWARD	12-596

```
SELECT * FROM public.listingpage
```

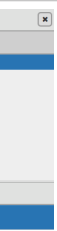
The **createdetailsPageRecordset** query generates a new table, *detailsPage*, and populates it with selected records from the json object...

```
DROP TABLE IF EXISTS detailsPage;
SELECT * INTO detailsPage FROM
jsonb_to_recordset('[ {
  "zip" : "20723",
  "products_services" : "ADMINISTRATIVE MANAGEMENT AND GENERAL MANAGEMENT CONSULTING SERVICES MARKETING CONSULTING SERVICES SPECIFICALLY MARKETING MANAGEMEN SERVICES PROCESS PHYSICAL DISTRIBUTION AND LOGISTICS CONSULTING SERVICES SPECIFICALLY
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LOGISTICS CONSULTING SERVICES, ELECTRONICALLY
OPERATIONS RESEARCH CONSULTING SERVICES",
  "naics_code" : "541611-MBE/DBE/SBE, 541613-
MBE/DBE/SBE, 541614-MBE/DBE/SBE",
  "website" : {
    "url" : "http://WWW.4SIGHTSTRATEGY.COM"
  },
  "address" : "8507 ICE CRYSTAL DRIVE",
  "city" : "LAUREL",
  "county" : "HOWARD",
  "certification_number" : "16-343",
  "geocoded_location" : {
    "latitude" : "39.14208",
    "human_address" : "{ \"address\" : \"8507 ICE
CRYSTAL DRIVE\", \"city\" : \"LAUREL\", \"state\" : \"M
\", \"zip\" : \"20723\" }",
    "needs_recoding" : false,
    "longitude" : "-76.902406"
  },
  "minority_group" : "AFRICAN AMERICAN / FEMALE",
  "phone" : {
    "phone_number" : "6086929235"
  },
  "contact" : "ALICE NTAMBI",
  "contact_email_address" :
"4SIGHTSTRATEGY@GMAIL.COM",
  "name" : "4SIGHT STRATEGY GROUP, LLC",
  "state" : "MD",
  "certification_date" : "2016-07-08T00:00:00"

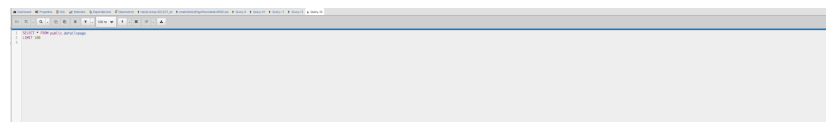
```

```

}}') AS x(name text, contact text, phone_number text,
contact_email_address text, minority_group text,
naics_code text, address text, city text, county text,
Zip text, certification_number text, certification_da
text, Products_Services text);

```

...the result is a more detailed relational table of the recordset.



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The *naicslookup* table is a reference table to explain the NAICS code for the business. NAICS stands for North American Industry Classification System and is used by the United States Census Bureau to classify all occupations and businesses.

One use case is that procurement specialists use NAICS to identify contractors with specific skills.

idnaicsLookup	naicsCode	naicsTitle
2	111421	Nursery and Tree Production
3	111130	Dry Pea and Bean Farming
4	111219	Other Vegetable (Except Potato) and Melon...
5	111211	Potato Farming
6	111219	Other Vegetable (Except Potato) and Melon...
7	111320	Citrus (Except Orange) Groves
8	111336	Fruit and Tree Nut Combination Farming
9	111331	Apple Orchards
10	111339	Other Noncitrus Fruit Farming
11	111335	Tree Nut Farming
12	115115	Farm Labor Contractors and Crew Leaders
13	111310	Orange Groves
14	113210	Forest Nurseries and Gathering of Forest Pr...
15	112910	Apiculture
16	112310	Chicken Egg Production
17	112320	Broilers and Other Meat Type Chicken Prod...
18	112390	Other Poultry Production
19	112330	Turkey Production
20	112340	Poultry Hatcheries
21	111422	Floriculture Production
22	111422	Floriculture Production
23	111411	Mushroom Production

SELECT * FROM public.detailspage

localhost-DivBiz-mdDOT.naicsLookup

1
2
3

SELECT * FROM "mdDOT"."naicsLookup"
ORDER BY "idnaicsLookup" ASC LIMIT 100

Data Output

Explain Messages History

<input type="checkbox"/>	idnaicsLoo... [PK] integ...	naicsCode text	naicsTitle text
<input type="checkbox"/>	2	111421	Nursery and Tree Production
<input type="checkbox"/>	3	111130	Dry Pea and Bean Farming
<input type="checkbox"/>	4	111219	Other Vegetable (Except Potato) and Melon...
<input type="checkbox"/>	5	111211	Potato Farming
<input type="checkbox"/>	6	111219	Other Vegetable (Except Potato) and Melon...
<input type="checkbox"/>	7	111320	Citrus (Except Orange) Groves
<input type="checkbox"/>	8	111336	Fruit and Tree Nut Combination Farming
<input type="checkbox"/>	9	111331	Apple Orchards
<input type="checkbox"/>	10	111339	Other Noncitrus Fruit Farming
<input type="checkbox"/>	11	111335	Tree Nut Farming
<input type="checkbox"/>	12	115115	Farm Labor Contractors and Crew Leaders
<input type="checkbox"/>	13	111310	Orange Groves
<input type="checkbox"/>	14	113210	Forest Nurseries and Gathering of Forest Pr...
<input type="checkbox"/>	15	112910	Apiculture
<input type="checkbox"/>	16	112310	Chicken Egg Production
<input type="checkbox"/>	17	112320	Broilers and Other Meat Type Chicken Prod..
<input type="checkbox"/>	18	112390	Other Poultry Production
<input type="checkbox"/>	19	112330	Turkey Production
<input type="checkbox"/>	20	112340	Poultry Hatcheries
<input type="checkbox"/>	21	111422	Floriculture Production
<input type="checkbox"/>	22	111422	Floriculture Production
<input type="checkbox"/>	23	111411	Mushroom Production

SELECT * FROM "mdDOT"."naicsLookup"
ORDER BY "idnaicsLookup" ASC LIMIT 100

[illegible]

ics_code text, address text, city text, county text, Zip
text, certification_number text, certification_date text