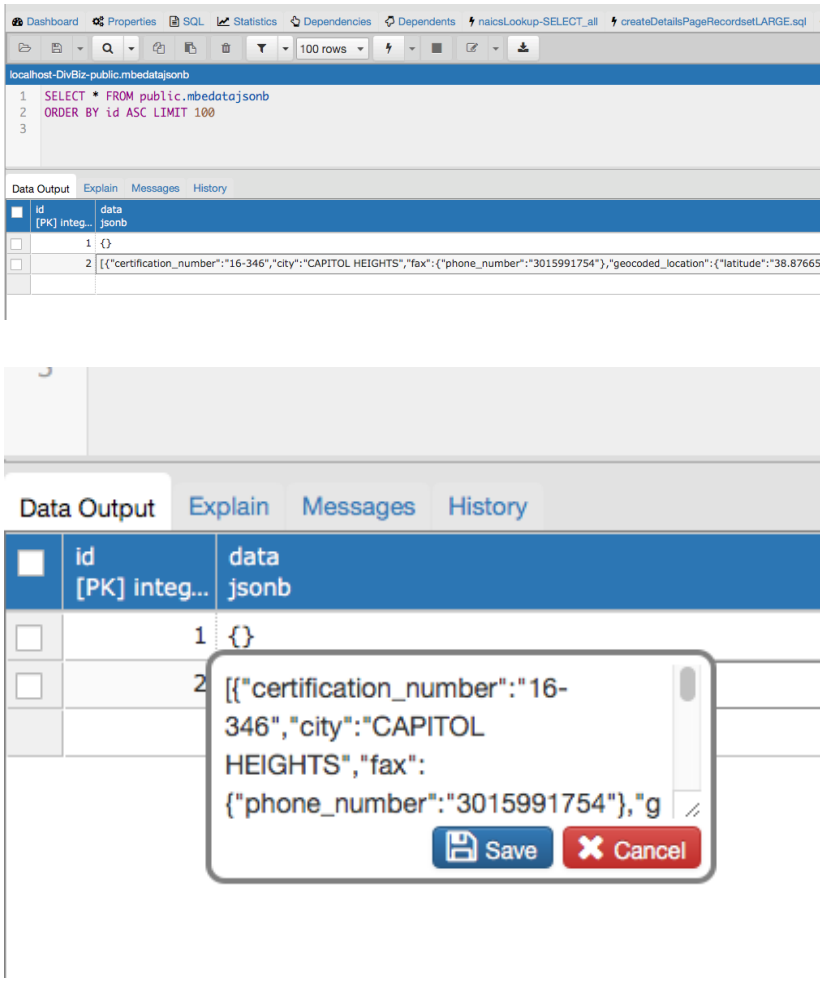
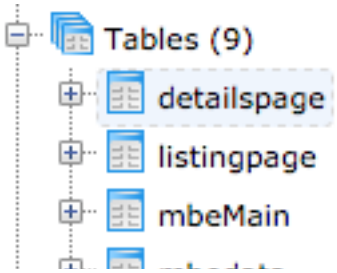
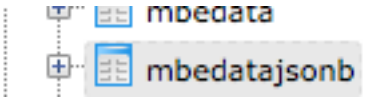
326 Screenshots

Friday, May 26, 2017 1:22 PM

Description	Screenshot
The **GET** call to http target are stored as a jsonb field in database	
Two special tables, *detailspage* and *listingpage*, are created on-the-fly by queries for new data.	

Query-9

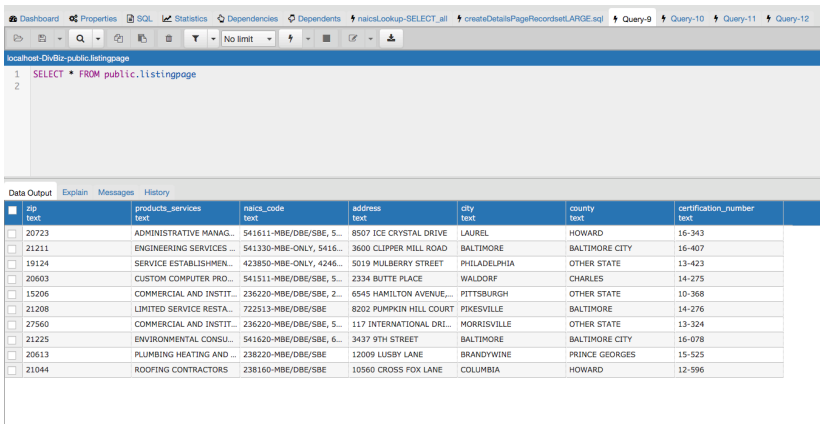


The **createlistingPageRecordset** query generates a new table, *listingPage*, and populates it with selected records from the json object...

```
DROP TABLE IF EXISTS listingPage;
SELECT * INTO listingPage FROM
jsonb_to_recordset('[ {
  "zip" : "20743",
  "products_services" : "INDUSTRIAL LAUNDER
S SPECIFICALLY PROFESSIONAL LAUNDRY SERVICE
O LUXURY HOTELS",
  "naics_code" : "812332-MBE/DBE/SBE",
  "address" : "1030 HAMPTON PARK BLVD. SUIT
100",
  "city" : "CAPITOL HEIGHTS",
  "county" : "PRINCE GEORGE",
  "certification_number" : "16-346"


}]') AS x(Zip text, Products_Services text,
aics_code text, address text, city text, co
ty text, certification_number text);
```

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



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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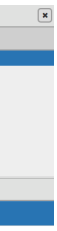
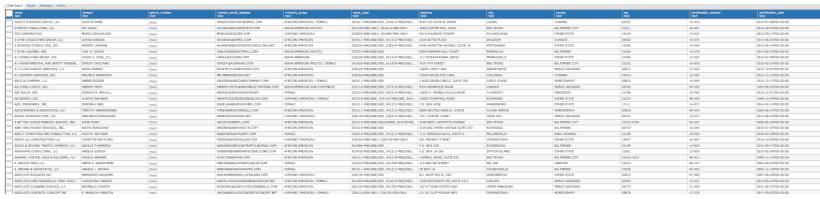


T

	LOGISTICS CONSULTING SERVICES SPECIFICALLY 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 / FEMAL
	"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 tex
	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.	



SELECT * FROM public.detailspage

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.

localhost-DivBiz-mdDOT.naicsLookup

```
1  SELECT * FROM "mdDOT"."naicsLookup"
2  ORDER BY "idnaicsLookup" ASC LIMIT 100
3
```

Data Output | Explain | Messages | History

idnaicsLoo... [PK] integ...	naicsCode text	naicsTitle text
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 "mdDOT"."naicsLookup"
ORDER BY "idnaicsLookup" ASC LIMIT 100

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