Atitit postgre sql json使用法

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### **插入数据**

插入数据可以直接以json格式插入：

insert into name\_age values('{"id":1,"name":"小明", "age":18}')

在json里插入新的key值gender，如下：

SELECT info||'{"gender":"男"}'::jsonb from name\_age where (info->>'id')::int4 = 1

# json数据的常见操作

|  |  |  |
| --- | --- | --- |
| Op | Postgre实现 | Demo |
| **Get JSON object field by key**  **Get JSON array element** | -> |  |
| **Get JSON object field as text** | ->> |  |
| **Get JSON array element as text** | ->> |  |
| **Get JSON object at specified path** | #>  json\_extract\_path |  |
| **Get JSON object at specified path as text** | ##> |  |
| **exist as a top-level key** | ? |  |
| **these array strings exist as top-level keys是否存在系列key** | ?| |  |
| **Do all of these array strings exist as top-level keys?** | ?& |  |
| **Delete key/value** | - |  |
| **Delete the field or element with specified path** | #- |  |
|  |  |  |
| **Str\_to json** | to\_json(anyelement) |  |
| array\_to\_jso |  |  |
| **Rs row to json** | row\_to\_json |  |
| **Arr to json** | json\_build\_array |  |
|  | json\_build\_object |  |
| **Json\_Str to json** | json\_object |  |
| **\** | json\_each |  |
|  | json\_each\_text |  |
|  | json\_object\_keys |  |
| **Json to rs** | json\_populate\_record |  |
|  | json\_to\_record |  |

# Exaple

## Query by json key

select x.variable::json->>'imageId' as imageId, x.status, y.image\_name

from task x join image y on x.variable::json->>'imageId' = y.image\_id

where x.variable::json->>'imageId' i

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原文链接：https://blog.csdn.net/haiyoung/article/details/79939529

# Rf

【PostgreSQL】存取jsonb.html

PostgreSQL\_ Documentation\_ 9.6\_ JSON Functions and Operators.html