

POSTGRESQL BETWEEN

dvdrental/postgres@PostgreSQL ▾

Query Editor

Query History

1

--use the BETWEEN operator to select

2

--payments whose amount is

3

--between 8 and 9 (USD):

4

SELECT

5

customer_id,

6

payment_id,

7

amount

8

FROM

9

payment

10

WHERE

11

amount BETWEEN 8 AND 9;

Data Output

Explain

Messages

customer_id

payment_id

amount

▲

smallint

[PK] integer

numeric (5,2)

1

343

17517

8.99

2

347

17529

8.99

3

347

17532

8.99

4

348

17535

8.99

5

349

17540

8.99

6

379

17648

8.99

7

403

17747

8.99

8

409

17775

8.99

9

423

17817

8.99

10

431

17853


8.99

11

442

17886

8.99

 dvdrental/postgres@PostgreSQL ▾

Query Editor

Query History

1

--To get payments whose amount is not in the

2

--range of 8 and 9,

3

---you use the following query:

4

SELECT

5

customer_id,

6

payment_id,

7

amount

8

FROM

9

payment

10

WHERE

11

amount NOT BETWEEN 8 AND 9;

Data Output

Explain

Messages

customer_id
smallint

payment_id
[PK] integer

amount
numeric (5,2)

1

341

17503

7.99

2

341

17504

1.99

3

341

17505

7.99

4

341

17506

2.99

5

341

17507

7.99

6

341

17508

5.99

7

342

17509

5.99

8

342

17510

5.99

9

342

17511

2.99

10

343

17512

4.99

dvdrental/postgres@PostgreSQL ▾																																																																															
Query Editor Query History		Data Output	Explain	Messages																																																																											
<pre> 1 --If you want to check a value 2 --against of date ranges, you should 3 --use the literal date in ISO 8601 format 4 --i.e., YYYY-MM-DD. For example, to get the 5 --payment whose payment date is between 2007-02-07 6 --and 2007-02-15,you use the following query: 7 8 SELECT 9 customer_id, 10 payment_id, 11 amount, 12 payment_date 13 FROM 14 payment 15 WHERE 16 payment_date 17 BETWEEN '2007-02-07' AND '2007-02-15'; </pre>		<table> <tr> <th></th><th>customer_id <small>smallint</small></th><th>payment_id <small>[PK] integer</small></th><th>amount <small>numeric (5,2)</small></th><th>payment_date <small>timestamp without time zone</small></th></tr> <tr><td>1</td><td>368</td><td>17610</td><td>0.99</td><td>2007-02-14 23:25:11.996577</td></tr> <tr><td>2</td><td>370</td><td>17617</td><td>6.99</td><td>2007-02-14 23:33:58.996577</td></tr> <tr><td>3</td><td>402</td><td>17743</td><td>4.99</td><td>2007-02-14 23:53:34.996577</td></tr> <tr><td>4</td><td>416</td><td>17793</td><td>2.99</td><td>2007-02-14 21:21:59.996577</td></tr> <tr><td>5</td><td>432</td><td>17854</td><td>5.99</td><td>2007-02-14 23:07:27.996577</td></tr> <tr><td>6</td><td>481</td><td>18051</td><td>2.99</td><td>2007-02-14 22:03:35.996577</td></tr> <tr><td>7</td><td>512</td><td>18155</td><td>6.99</td><td>2007-02-14 22:57:03.996577</td></tr> <tr><td>8</td><td>516</td><td>18173</td><td>4.99</td><td>2007-02-14 21:23:39.996577</td></tr> <tr><td>9</td><td>546</td><td>18276</td><td>1.99</td><td>2007-02-14 23:10:43.996577</td></tr> <tr><td>10</td><td>561</td><td>18322</td><td>2.99</td><td>2007-02-14 23:52:46.996577</td></tr> <tr><td>11</td><td>592</td><td>18441</td><td>6.99</td><td>2007-02-14 21:41:12.996577</td></tr> <tr><td>12</td><td>595</td><td>18456</td><td>2.99</td><td>2007-02-14 22:16:01.996577</td></tr> <tr><td>13</td><td>1</td><td>18495</td><td>5.99</td><td>2007-02-14 23:22:38.996577</td></tr> <tr><td>14</td><td>46</td><td>18686</td><td>4.99</td><td>2007-02-14 21:45:29.996577</td></tr> </table>		customer_id <small>smallint</small>	payment_id <small>[PK] integer</small>	amount <small>numeric (5,2)</small>	payment_date <small>timestamp without time zone</small>	1	368	17610	0.99	2007-02-14 23:25:11.996577	2	370	17617	6.99	2007-02-14 23:33:58.996577	3	402	17743	4.99	2007-02-14 23:53:34.996577	4	416	17793	2.99	2007-02-14 21:21:59.996577	5	432	17854	5.99	2007-02-14 23:07:27.996577	6	481	18051	2.99	2007-02-14 22:03:35.996577	7	512	18155	6.99	2007-02-14 22:57:03.996577	8	516	18173	4.99	2007-02-14 21:23:39.996577	9	546	18276	1.99	2007-02-14 23:10:43.996577	10	561	18322	2.99	2007-02-14 23:52:46.996577	11	592	18441	6.99	2007-02-14 21:41:12.996577	12	595	18456	2.99	2007-02-14 22:16:01.996577	13	1	18495	5.99	2007-02-14 23:22:38.996577	14	46	18686	4.99	2007-02-14 21:45:29.996577		
	customer_id <small>smallint</small>	payment_id <small>[PK] integer</small>	amount <small>numeric (5,2)</small>	payment_date <small>timestamp without time zone</small>																																																																											
1	368	17610	0.99	2007-02-14 23:25:11.996577																																																																											
2	370	17617	6.99	2007-02-14 23:33:58.996577																																																																											
3	402	17743	4.99	2007-02-14 23:53:34.996577																																																																											
4	416	17793	2.99	2007-02-14 21:21:59.996577																																																																											
5	432	17854	5.99	2007-02-14 23:07:27.996577																																																																											
6	481	18051	2.99	2007-02-14 22:03:35.996577																																																																											
7	512	18155	6.99	2007-02-14 22:57:03.996577																																																																											
8	516	18173	4.99	2007-02-14 21:23:39.996577																																																																											
9	546	18276	1.99	2007-02-14 23:10:43.996577																																																																											
10	561	18322	2.99	2007-02-14 23:52:46.996577																																																																											
11	592	18441	6.99	2007-02-14 21:41:12.996577																																																																											
12	595	18456	2.99	2007-02-14 22:16:01.996577																																																																											
13	1	18495	5.99	2007-02-14 23:22:38.996577																																																																											
14	46	18686	4.99	2007-02-14 21:45:29.996577																																																																											

