

```
#  
i  
n  
c  
l  
u  
d  
e  
"Database.h"
```

```
/
/  
Constructor  
  
/  
/  
P  
a
```

r
a
m
e
t
e
r
i
z

```
e  
d  
constructor  
D  
at  
a  
b  
a  
s
```

e
:
:
D
a
t
a
b
a

```
s  
e  
(  
Q  
S  
t  
r  
i  
n
```

g
p
a
t
h
,
Q
S
t

```
    r
    i
    n
    g
    driver)

    :
    QSqlDatabase(addDatabase(driver))
    {
```



```
/
/
S
e
t
H
o
s
```

```
t  
n  
a  
m  
e  
t  
o  
Local
```

```
s
etHostName("localhost");

s
etDatabaseName(path);

/
/
```

```
C  
h  
e  
c  
k  
i  
f  
open
```

```
i  
f(open()  
  
{  
  
q  
D  
e  
b
```

```
u
g
(
)
<
<
"
D
a
```

t
a
b
a
s
e
o
p
e

```
        n
        e
        d
        successfully";
    }

    e
    lse
```



```
{  
  q  
  D  
  e  
  b  
  u  
  g
```

```
(  
)  
<  
<  
this->  
>lastError().text();  
}  
}
```

```
/
/  
Mutators  
  
/  
/  
T  
e
```

s
t
i
m
o
n
i
a
l

```
s  
p  
a  
g  
e  
//  
  
/  
/
```

A
d
d
r
e
v
i
e
w

```
(  
c  
u  
s  
t  
o  
m  
e  
r
```

```
N  
a  
m  
e  
,  
reviewText)  
b  
o  
o
```



```
l  
Data  
b  
a  
s  
e  
:  
:  
A
```

d
d
R
e
v
i
e
w
(

Q
S
t
r
i
n
g
n
a

m
e
,
Q
S
t
r
i
n

g
r
e
v
i
e
w
T
e

```
x  
t  
)  
{  
r  
e  
t  
u  
r
```

```
    n  
    f  
    a  
    l  
    s  
    e  
    ;  
}
```

```
/
/
Login
b
o
o
l
Databas
```


e
:
:
A
t
t
e
m
p

```
t  
L  
o  
g  
i  
n  
(  
Q  
S
```

t
r
i
n
g
u
s
e
r

n
a
m
e
,
Q
S
t
r

```
i
n
g
password)
{
Q
S
q
```

```
l  
Q  
u  
e  
r  
y  
query;
```

```
/
/  
R  
u  
n  
a  
d  
m  
i
```

n
c
r
e
d
e
n
t
i


```
al  
query
```

```
q  
u  
e  
r  
y
```

```
•  
p  
r  
e  
p  
a  
r  
e  
(
```

```
"  
S  
E  
L  
E  
C  
T  
*  
F
```

R
O
M
u
s
e
r
s
W

H
E
R
E
a
d
m
i
n

```
=  
1  
a  
n  
d  
u  
s  
e  
r
```

```
n  
a  
m  
e  
=  
:username"  
"  
a
```

n
d
p
a
s
s
w
o
r


```
d  
=  
:password;");
```

```
q  
uery  
.  
b  
i
```

```
nd  
d  
V  
a  
l  
u  
e  
(  
"
```

```
:  
u  
s  
e  
r  
n  
a  
m  
e
```

```
"  
,  
username);  
  
q  
uery  
.  
b  
i
```

```
nd  
d  
V  
a  
l  
u  
e  
(  
"
```

:
p
a
s
s
w
o
r
d

```
"  
,  
password);  
  
i  
f(!  
query.exec())
```

```
{  
  q  
  D  
  e  
  b  
  u  
  g  
  (
```



```
)  
<  
<  
query.lastError().text();  
}  
  
r
```

```
e  
t  
u  
r  
n  
query.next();  
}
```

```
/
/
A
d
d
c
u
s
t
```

```
o  
m  
e  
r  
(  
a  
l  
l  
f
```

```
i  
e  
l  
d  
s  
a  
t  
once)  
b
```

```
o
o
l
Databa
s
e
:
:
A
```

d
d
C
u
s
t
o
m
e

```
    r  
    (  
    Q  
    S  
    t  
    r  
    i  
    n  
    g
```



```
name,  
Q  
S  
t  
r
```

i
n
g
a
d
d
r
e
s

```
s  
,  
Q  
S  
t  
r  
i  
n  
g
```

website,

Q
S
t
r
i
n
g

i
n
t
e
r
e
s
t
L

e
v
e
l
,
Q
S
t
r

```
    i
    n
    g
    doNotContact,

    Q
    S
    t
    r
```

i
n
g
k
e
y
A
c
c

o
u
n
t
,
Q
S
t
r

```
i
n
g
pamphletSent)
{

Q
S
q
```

```
l  
Q  
u  
e  
r  
y  
query;
```

```
/
/
P
r
e
p
"
A
d
```

d
C
u
s
t
o
m
e
r

```
"  
Query  
  
q  
u  
e  
r  
y  
.
```

```
p  
r  
e  
p  
a  
r  
e  
(  
"
```

I
N
S
E
R
T
I
N
T

O
c
u
s
t
o
m
e
r

```
S  
V  
A  
L  
U  
E  
S  
(  
:
```

C
U
S
T
O
M
E
R
I

```
D  
,  
:  
n  
a  
m  
e  
,  
"
```

```
"  
:  
a  
d  
d  
r  
e  
s
```

```
s  
,  
:  
w  
e  
b  
s  
i  
t
```

```
e  
,  
:  
i  
n  
t  
e  
r  
e
```

```
s  
t  
L  
e  
v  
e  
l  
,  
:
```


d
o
N
o
t
C
o
n
t

```
a  
c  
t  
,  
"  
  
"  
:  
k
```

e
y
A
c
c
o
u
n
t

```
,  
:pamphletSent);");
```

```
/  
/  
B  
i  
n
```

```
d  
s  
a  
f  
e  
values  
  
q  
u
```

e
r
y
.
b
i
n
d
v

```
al  
ue  
(  
"  
:  
na
```

```
m  
e  
"  
,  
name);  
  
q  
uer  
y
```


•
b
i
n
d
v
a
l
u

```
e  
(  
"  
:  
a  
d  
d  
r  
e
```

```
s  
s  
"  
,  
address);  
  
q  
uer  
y
```

•
b
i
n
d
v
a
l
u

```
e  
(  
"  
:  
w  
e  
b  
s  
i
```

```
t  
e  
"  
,  
website);  
  
q  
uery.bind  
v
```

```
al  
ue  
(  
"  
:  
i  
n
```

t
e
r
e
s
t
L
e
v


```
e  
l  
"  
,  
interestLevel);  
  
q  
uery.bind  
v
```

```
al  
ue  
(  
"  
:  
d  
o
```

N
o
t
C
o
n
t
a
c

```
t  
,  
"  
,  
doNotContact);  
  
q  
uery.b  
i
```

```
nd  
d  
V  
a  
l  
u  
e  
(  
"
```

:
k
e
y
A
c
c
o
u

```
n  
t  
"  
,  
keyAccount);  
  
q  
uery.bin  
d
```

```
    v  
    a  
    l  
    u  
    e  
    (  
    "  
    :  
    p
```


a
m
p
h
l
e
t
S
e

```
n  
t  
"  
,  
pamphletSent);  
  
/  
/
```

E
x
e
c
u
t
e
q
u

e
r
y
a
n
d
r
e
t

```
u
r
n
status

r
e
t
u
```

```
rn
query.exec();
}

/
/
E
```

d
i
t
c
u
s
t
o
m

```
er  
d  
a  
t  
a  
(  
i  
n
```



```
d  
i  
v  
i  
d  
u  
a  
l  
fields)
```

```
b  
o  
o  
l  
Database:  
:  
U  
P  
d
```

a
t
e
C
u
s
t
o
m

```
er  
(  
Q  
S  
t  
r  
i  
n
```

g
c
u
s
t
o
m
e
r

I
D
,
Q
S
t
r
i
n

g
n
a
m
e
,
Q
S
t

```
    r
    i
    n
    g
    address,

    Q
    S
    t
```


r
i
n
g
w
e
b
s
i

t
e
,
Q
S
t
r
i
n

```
g
interestLevel,
```

```
Q
S
t
r
i
n
```

g
d
o
N
o
t
C
o
n

t
a
c
t
,
Q
S
t
r

```
    i
    n
    g
    keyAccount,

    Q
    S
    t
    r
```

```
i
n
g
pamphletSent)
{

Q
S
q
```

```
l  
Q  
u  
e  
r  
y  
query;
```



```
/
/
P
r
e
p
a
r
e
```

q
u
e
r
y
t
o
u
p

d
a
t
e
c
u
s
t
o

```
m  
e  
r  
listing  
  
q  
u  
e  
r
```

y
.
p
r
e
p
a
r
e

```
(  
"  
U  
P  
D  
A  
T  
E  
C
```

```
u  
s  
t  
o  
m  
e  
r  
s  
"
```

```
"  
S  
E  
T  
n  
a  
m  
e
```



```
=  
:  
n  
a  
m  
e  
,  
"
```

```
"  
a  
d  
d  
r  
e  
s  
s  
=
```

```
:  
a  
d  
d  
r  
e  
s  
s  
,
```

```
"  
"  
w  
e  
b  
s  
i  
t
```

```
e  
=  
:  
w  
e  
b  
s  
i  
t
```

```
e  
,  
"  
"  
i  
n  
t  
e
```

r
e
s
t
L
e
v
e
l

```
=  
:  
i  
n  
t  
e  
r  
e  
s
```



```
t  
L  
e  
v  
e  
l  
,  
"
```

```
"  
d  
o  
N  
o  
t  
C  
o  
n
```

```
t  
a  
c  
t  
=  
:  
d  
o  
N
```

o
t
C
o
n
t
a
c
t

```
,  
"  
"  
k  
e  
y  
A  
c
```

```
c  
o  
u  
n  
t  
=  
:  
k  
e
```

y
A
c
c
o
u
n
t
,

```
"  
"  
p  
a  
m  
p  
h  
l
```



```
e  
t  
S  
e  
n  
t  
=  
:  
p
```

a
m
p
h
l
e
t
S
e

```
n  
t  
"  
  
"  
W  
H  
E  
R
```

E
c
u
s
t
o
m
e
r

```
I
D
=
:customerID;");

/
/
B
```

```
ind  
s  
a  
f  
e  
values
```

q
u
e
r
y
.
b
i
n

```
d  
v  
a  
l  
u  
e  
(  
"  
:
```



```
    n  
    a  
    m  
    e  
    "  
    ,  
    name);  
    q
```

```
uer  
y  
.  
b  
i  
n  
d  
v  
a
```

```
l  
u  
e  
(  
"  
:  
a  
d  
d
```

```
    r  
    e  
    s  
    s  
    "  
    ,  
    address);  
    q
```

```
uer  
y  
.  
b  
i  
n  
d  
v  
a
```

```
l  
u  
e  
(  
"  
:  
w  
e  
b
```

```
s  
i  
t  
e  
"  
,  
website);  
q
```

```
uery.bind  
v  
a  
l  
u  
e  
(  
"  
:
```



```
i  
n  
t  
e  
r  
e  
s  
t  
L
```

```
e  
v  
e  
l  
"  
,  
interestLevel);  
q
```

```
uery.bind  
v  
a  
l  
u  
e  
(  
"  
:
```

d
o
N
o
t
C
o
n
t

```
a  
c  
t  
,  
"  
,  
doNotContact);  
q
```

```
uery.b  
i  
n  
d  
v  
a  
l  
u  
e
```

```
(  
"  
:  
k  
e  
y  
A  
c  
c
```

```
o
u
n
t
"
,
keyAccount);
q
```



```
uery.bin  
d  
V  
a  
l  
u  
e  
(  
"
```

```
:  
p  
a  
m  
p  
h  
l  
e  
t
```

```
S  
e  
n  
t  
"  
,  
pamphletSent);  
q
```

```
uery.b  
i  
n  
d  
v  
a  
l  
u  
e
```

```
(  
"  
:  
c  
u  
s  
t  
o  
m
```

```
e  
r  
I  
D  
"  
,  
customerID);
```

```
/
/  
E  
x  
e  
c  
u  
t  
e
```

q
u
e
r
y
a
n
d
r


```
e  
t  
u  
r  
n  
status  
  
r  
e
```

```
t  
u  
r  
n  
query.exec();  
}  
  
/
```

```
/
R
e
m
o
v
e
customer
```

```
/
/  
N  
o  
t  
e  
:  
T  
h
```

i
s
n
e
e
d
s
t
o

c
o
n
v
e
r
t
t
h

```
e  
i  
n  
p  
u  
t  
t  
o  
uppercase
```

```
b  
o  
o  
l  
Database:  
:  
D  
e  
l
```


e
t
e
C
u
s
t
o
m

```
er  
(  
Q  
S  
t  
r  
i  
n
```

```
g
customerID)
{
Q
S
q
l
Q
```

```
u  
e  
r  
y  
query;  
  
/  
/
```

P
r
e
p
a
r
e
q
u

```
e  
r  
y  
t  
o  
d  
e  
l  
e
```

```
t  
e  
listing
```

```
q  
u  
e  
r  
y
```

```
•  
p  
r  
e  
p  
a  
r  
e  
(
```



```
"  
D  
E  
L  
E  
T  
E  
f  
r
```

o
m
c
u
s
t
o
m
e

```
    r  
    s  
    "  
  
    "  
    w  
    h  
    e  
    r
```

E
c
u
s
t
o
m
e
r

```
I
D
=
:customerID;");

/
/
B
```

```
ind  
s  
a  
f  
e  
values
```

```
q  
uery.b  
i  
n  
d  
v  
a  
l  
u
```

```
e  
(  
"  
:  
c  
u  
s  
t  
o
```



```
m  
e  
r  
I  
D  
"  
,  
customerID);
```

```
    r
    e
    t
    u
    r
    n
    query.exec();
}
```

/

/

H

o

m

e

P

a

g

```
e  
(  
?  
)  
//  
  
/  
/  
c
```

h
a
n
g
e
,
p
a
m

ph
l
e
t
S
e
n
t

```
    't  
    o',  
    't  
    r  
    u  
    e',
```

```
(  
w  
h  
e  
n  
c  
u  
s  
t
```


o
m
e
r
o
r
d
e
r

```
s  
pamphlet)  
b  
o  
o  
l  
Databas  
e  
:
```

:
S
e
n
d
p
a
m
p

```
h  
l  
e  
t  
(  
Q  
S  
t  
r
```

i
n
g
c
u
s
t
o
m

```
e  
r  
N  
a  
m  
e  
)  
{  
r
```

```
e  
t  
u  
r  
n  
false;}  
  
/  
/
```

Accessors

/

/

P

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