

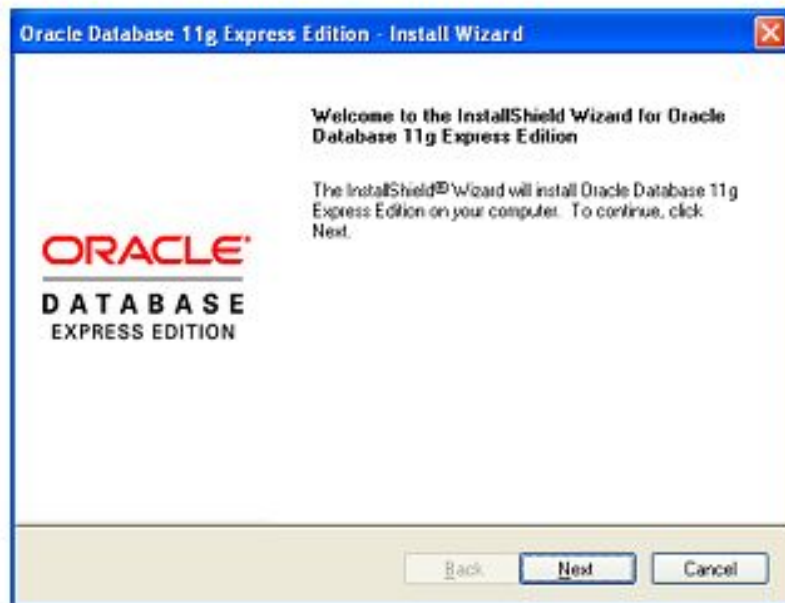


# **0. Установка Oracle Database Express Edition 11.**

# Установка Oracle Database Express Edition 11

## Установка Oracle Database Express Edition 11

1. После регистрации и скачивания бесплатного пакета OracleXE112\_Win32.zip с сайта [www.oracle.com/technetwork/produkts/express-edition/downloads/index.html](http://www.oracle.com/technetwork/produkts/express-edition/downloads/index.html) выполняем распаковку архива и инсталляцию СУБД из папки:  
OracleXE112\_Win32\DISK1\setup.exe



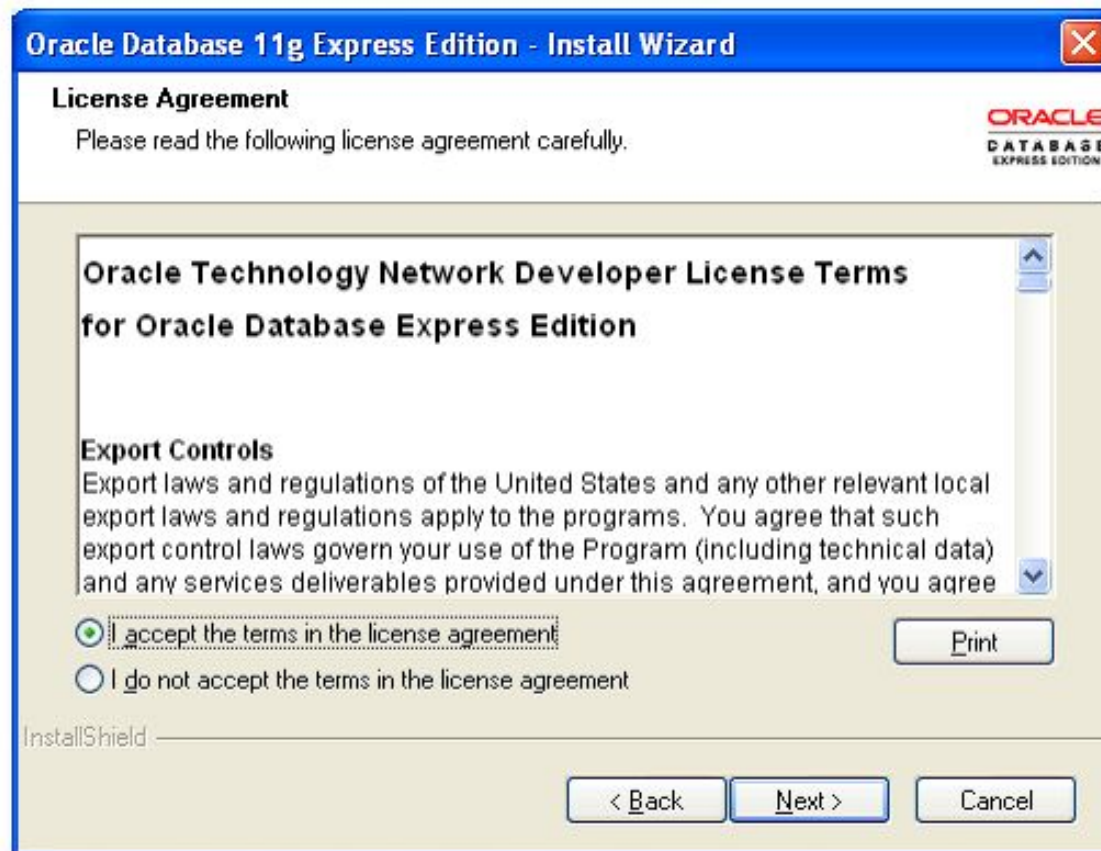


# Установка Oracle Database Express Edition 11

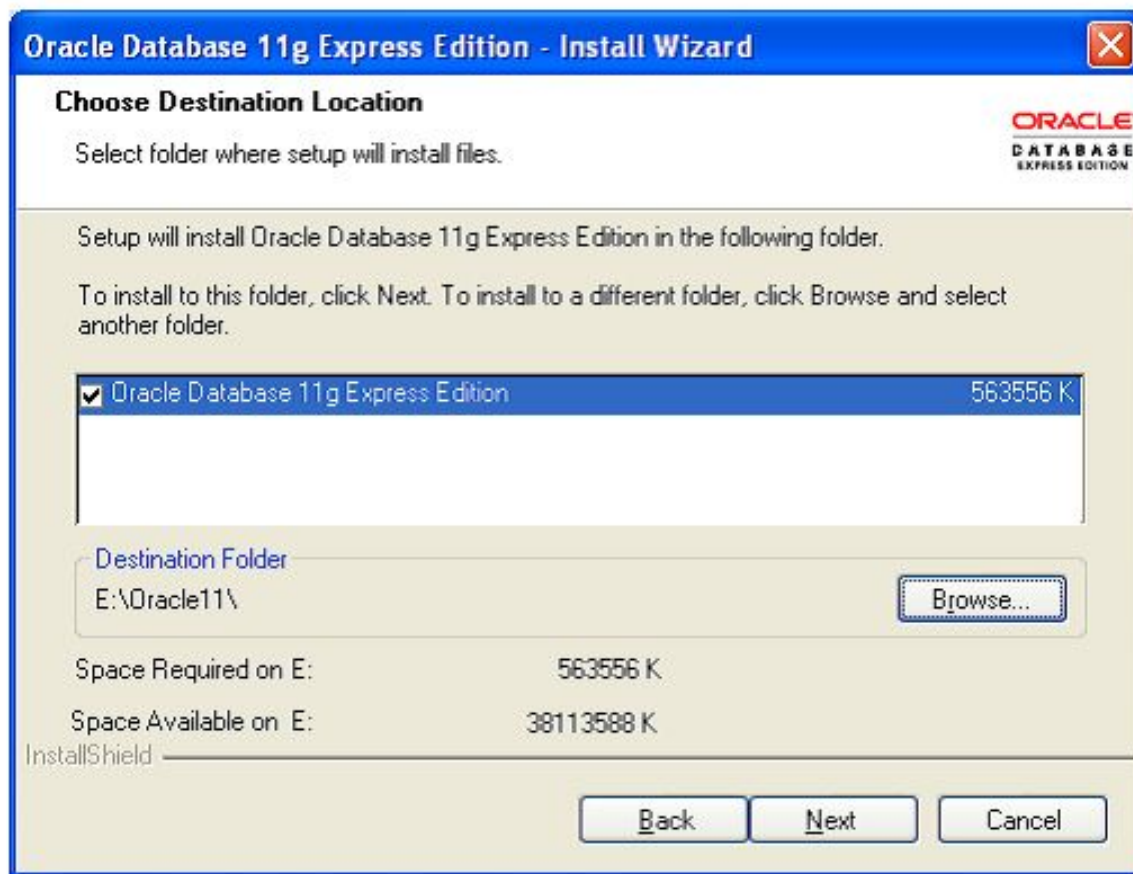
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В ходе регистрации и установки пакета Oracle Database Express Edition 11 (Интернет подключен) внимательно сохраняем информацию о логинах и паролях. Делаем скриншоты сюжетно важных этапов установки.

# Установка Oracle Database Express Edition 11

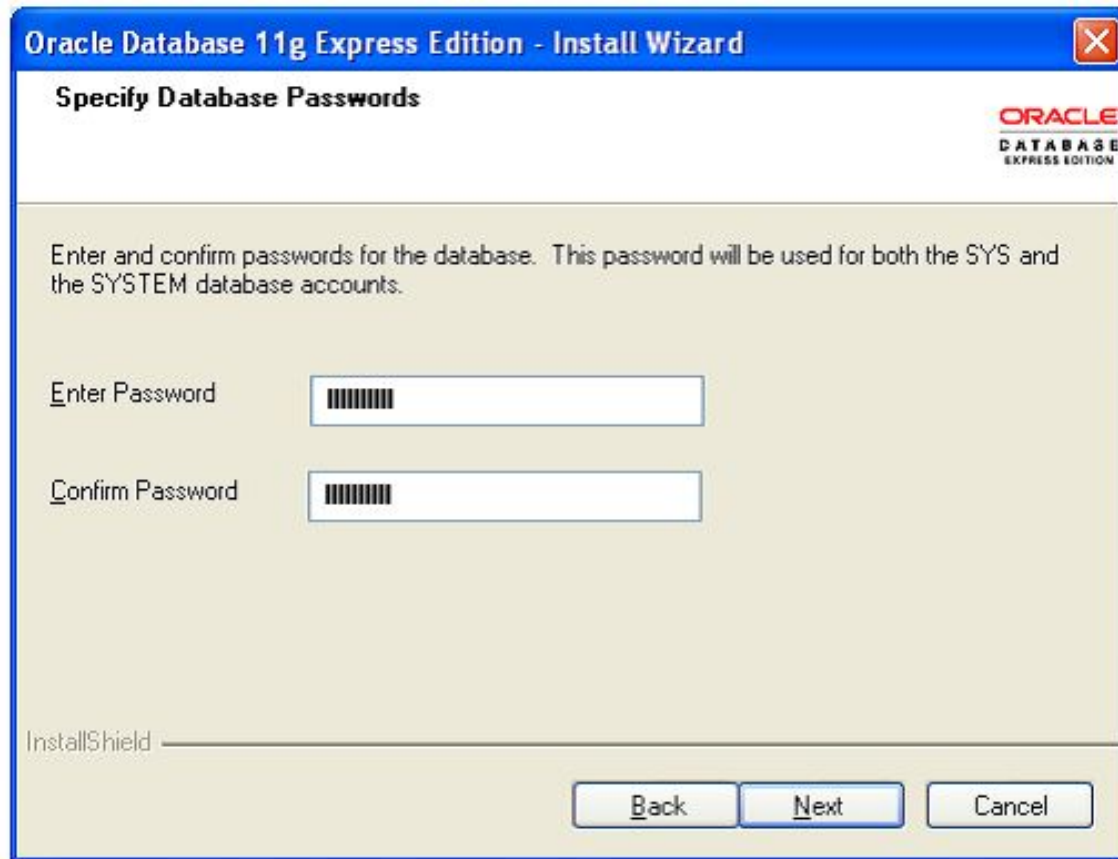


# Установка Oracle Database Express Edition 11



На диске пакет может занимать около 1,61 Гб.

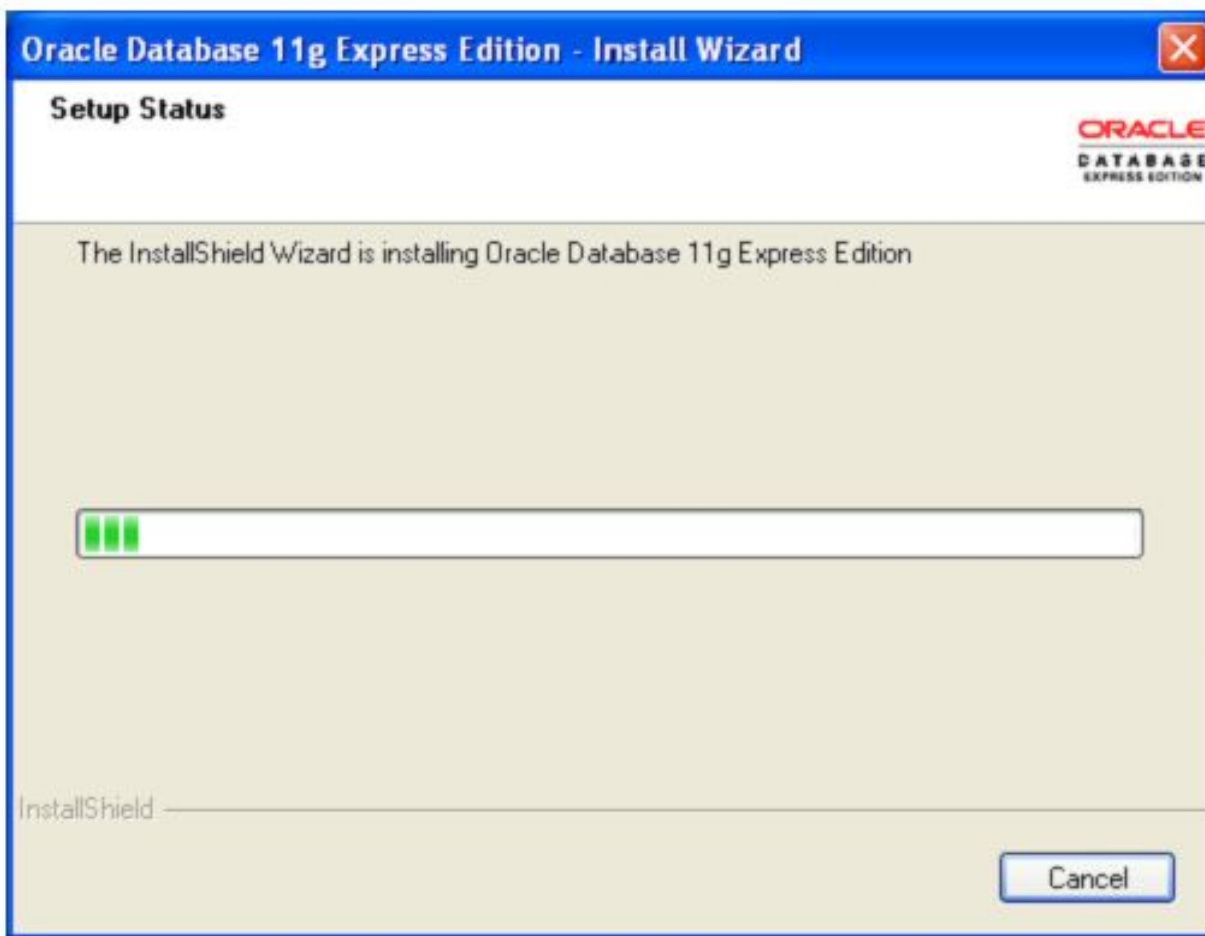
# Установка Oracle Database Express Edition 11



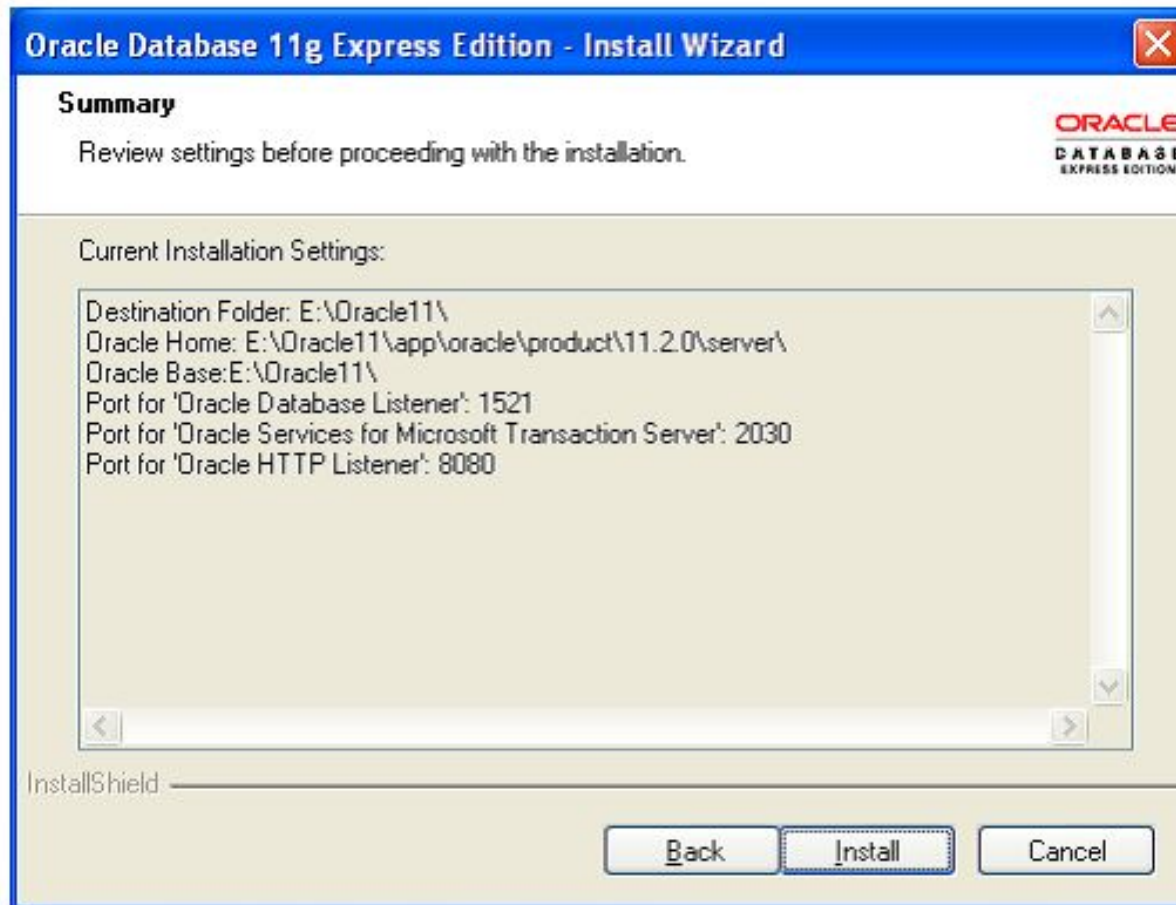
The screenshot shows a Windows-style dialog box titled "Oracle Database 11g Express Edition - Install Wizard". The main heading is "Specify Database Passwords". In the top right corner, there is the Oracle logo and the text "ORACLE DATABASE EXPRESS EDITION". The main text area contains the instruction: "Enter and confirm passwords for the database. This password will be used for both the SYS and the SYSTEM database accounts." Below this, there are two input fields: "Enter Password" and "Confirm Password", both containing masked characters (asterisks). At the bottom left, it says "InstallShield". At the bottom right, there are three buttons: "Back", "Next", and "Cancel".

Ввод и подтверждения пароля администратора баз данных под логин sys или system.

# Установка Oracle Database Express Edition 11

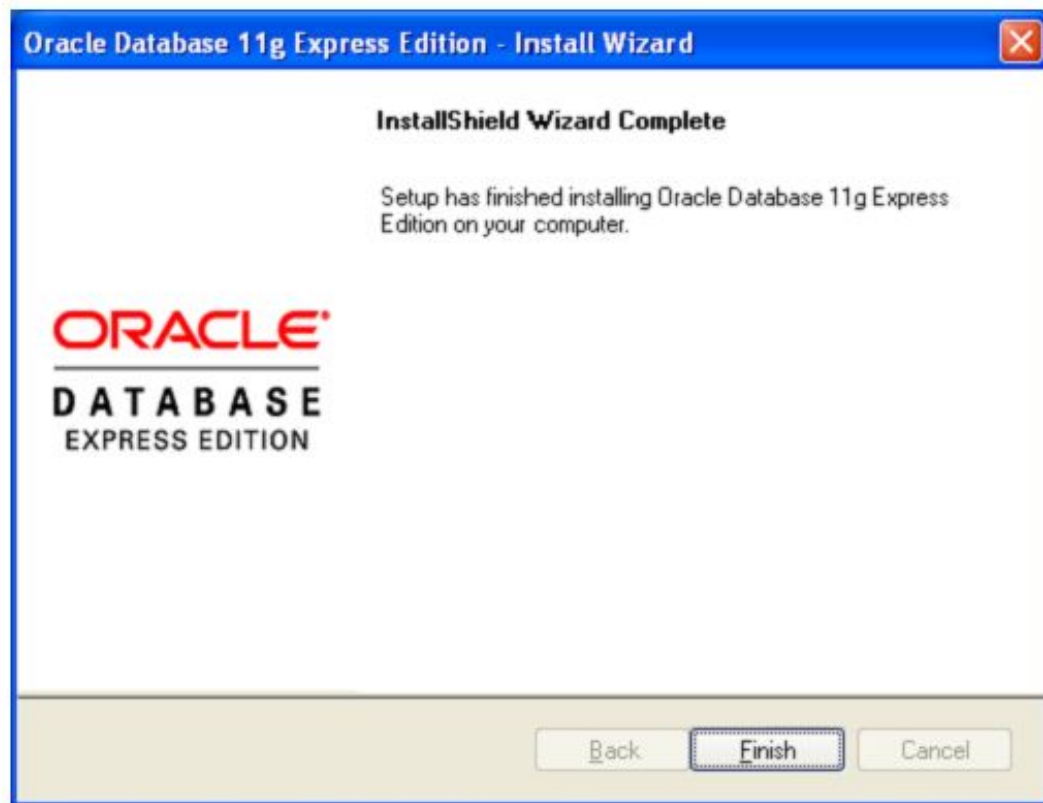


# Установка Oracle Database Express Edition 11





# Установка Oracle Database Express Edition 11

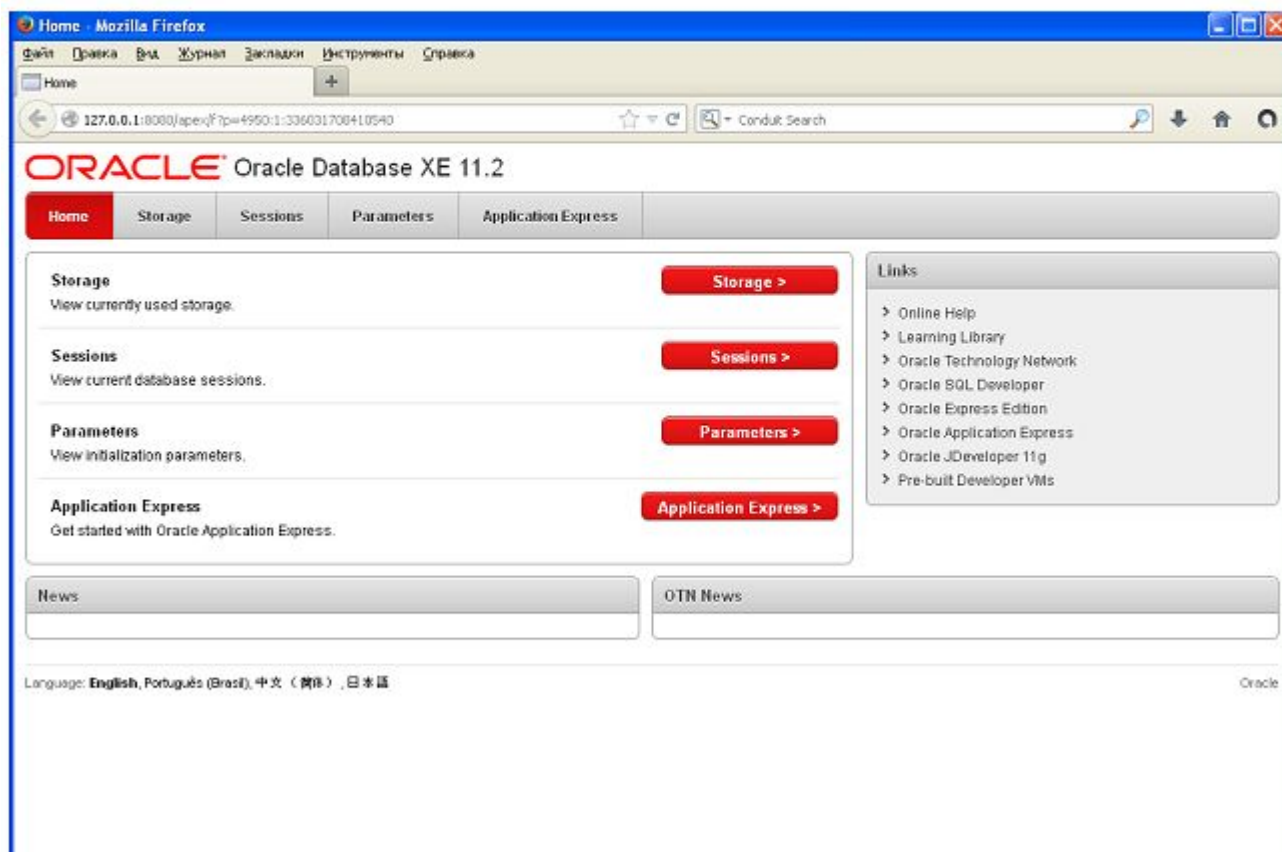


Все готово для запуска ярлыком Get Started With Oracle Database 11g Express Edition. Внимательно изучите и проверьте действия команд и меню Пуск/ Oracle Database 11g Express Edition.

# Работа с данными в Oracle Database Express Edition 11

## 1. Запуск

Запускаем пакет ярлыком Get Started With Oracle Database 11g Express Edition или из меню Пуск.



The screenshot shows the Oracle Database XE 11.2 Express Edition web interface. The browser window title is "Home - Mozilla Firefox". The address bar shows the URL "127.0.0.1:8080/apex/f?p=4950:1:3360317084:0540". The page header displays "ORACLE Oracle Database XE 11.2". The main navigation bar includes "Home", "Storage", "Sessions", "Parameters", and "Application Express". The "Home" tab is selected. The main content area features four sections, each with a description and a red button with a right-pointing arrow:

- Storage**: View currently used storage. Button: [Storage >](#)
- Sessions**: View current database sessions. Button: [Sessions >](#)
- Parameters**: View initialization parameters. Button: [Parameters >](#)
- Application Express**: Get started with Oracle Application Express. Button: [Application Express >](#)

On the right side, there is a "Links" section with a list of links:

- > Online Help
- > Learning Library
- > Oracle Technology Network
- > Oracle SQL Developer
- > Oracle Express Edition
- > Oracle Application Express
- > Oracle JDeveloper 11g
- > Pre-built Developer VMs

At the bottom, there are "News" and "OTN News" sections. The footer indicates the language is "English" and the Oracle logo is present.



# Работа с данными в Oracle Database Express Edition 11

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## **2. Кнопка Application Express**

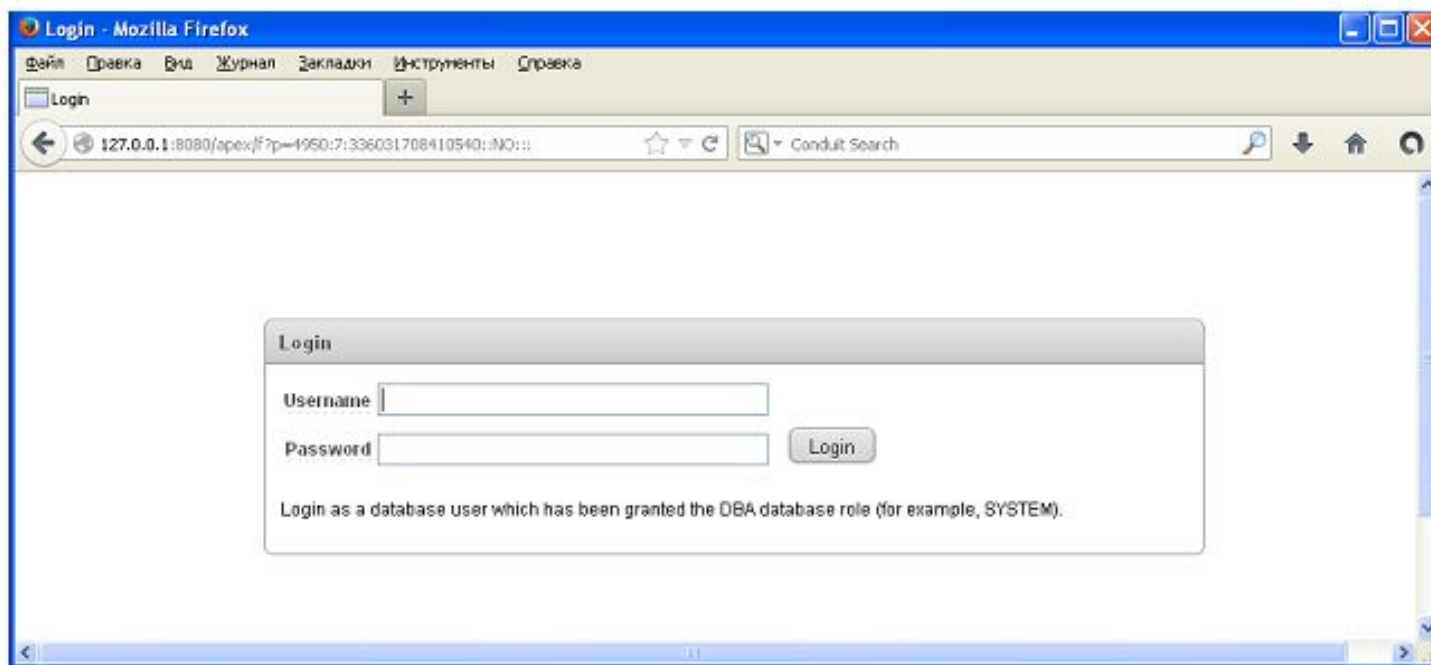
Application Express> Начало работы с Oracle Application Express.

# Работа с данными в Oracle Database Express Edition 11

## 3. Заполнить поля:

Username sys (SYSTEM)

Password \*\*\*\*\* (Ваш пароль для sys).

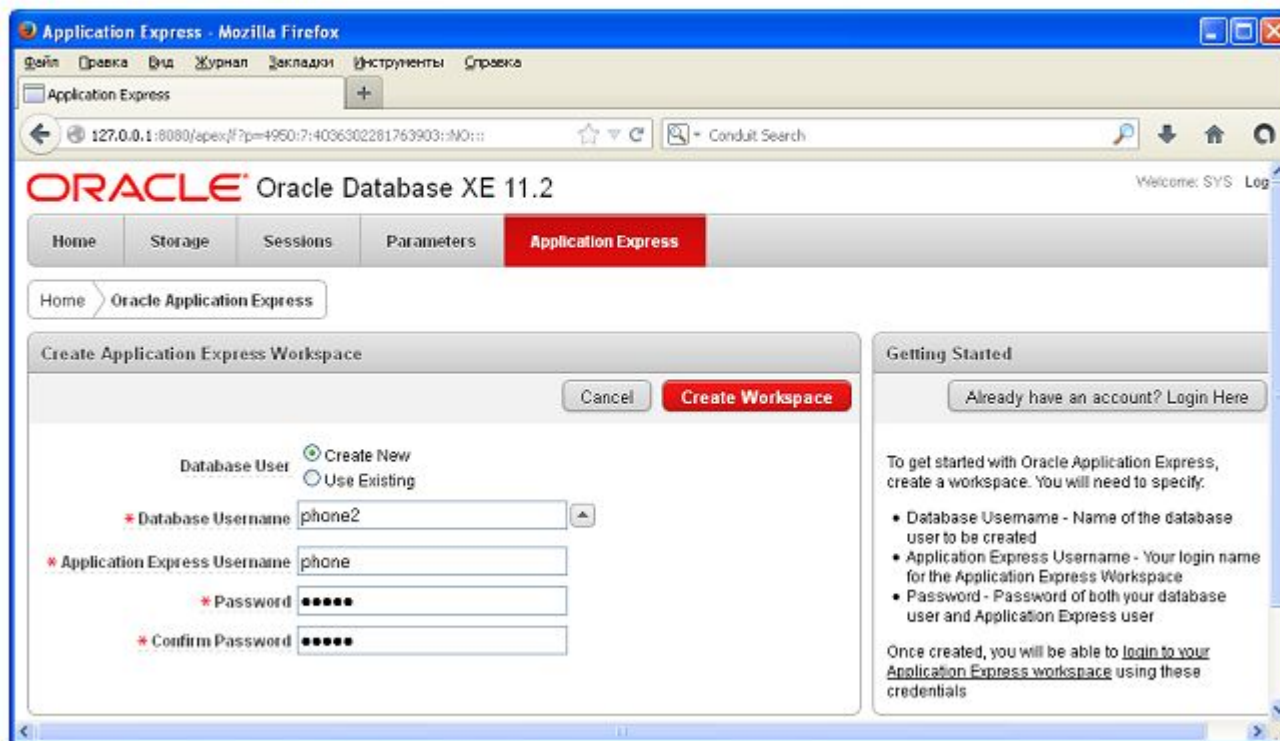


Кнопка Login - вход.

# Работа с данными в Oracle Database Express Edition 11

## 4. Создать базу данных

Заполняем форму для создания новой базы данных.



The screenshot shows the Oracle Database Express Edition 11.2 web interface in a Mozilla Firefox browser window. The page title is "Application Express - Mozilla Firefox". The browser address bar shows the URL "127.0.0.1:8080/express/?tr=4950;7:4036302281763903;:NO:::". The page header includes the Oracle logo and "Oracle Database XE 11.2". The navigation menu has tabs for Home, Storage, Sessions, Parameters, and Application Express (which is selected). The main content area is titled "Create Application Express Workspace" and contains the following form fields:

- Database User:** Radio buttons for "Create New" (selected) and "Use Existing".
- \* Database Username:** Text input field containing "phone2".
- \* Application Express Username:** Text input field containing "phone".
- \* Password:** Password input field containing six dots.
- \* Confirm Password:** Password input field containing six dots.

Buttons for "Cancel" and "Create Workspace" are located at the top right of the form. To the right of the form is a "Getting Started" section with a "Login Here" button and a list of instructions:

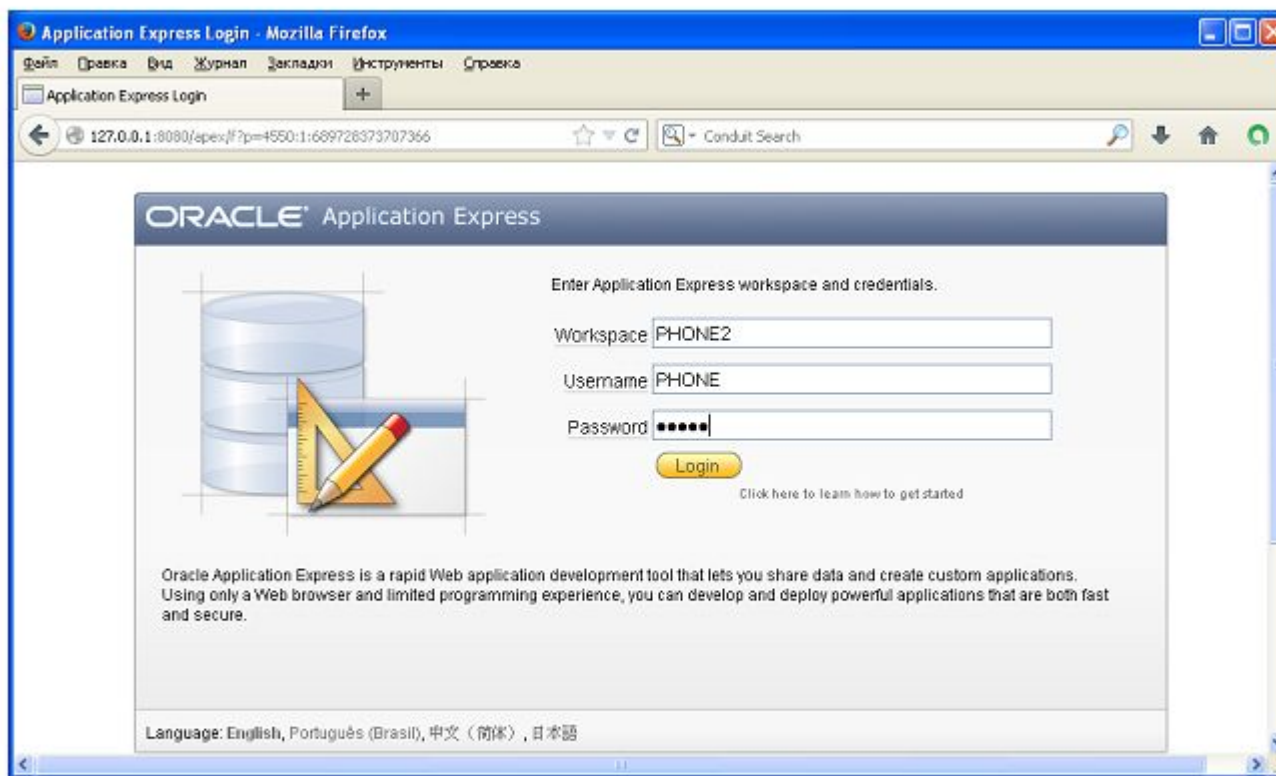
- Database Username - Name of the database user to be created
- Application Express Username - Your login name for the Application Express Workspace
- Password - Password of both your database user and Application Express user

Below the list, it states: "Once created, you will be able to [login to your Application Express workspace](#) using these credentials".

Ввести пароль доступа к базе данных.

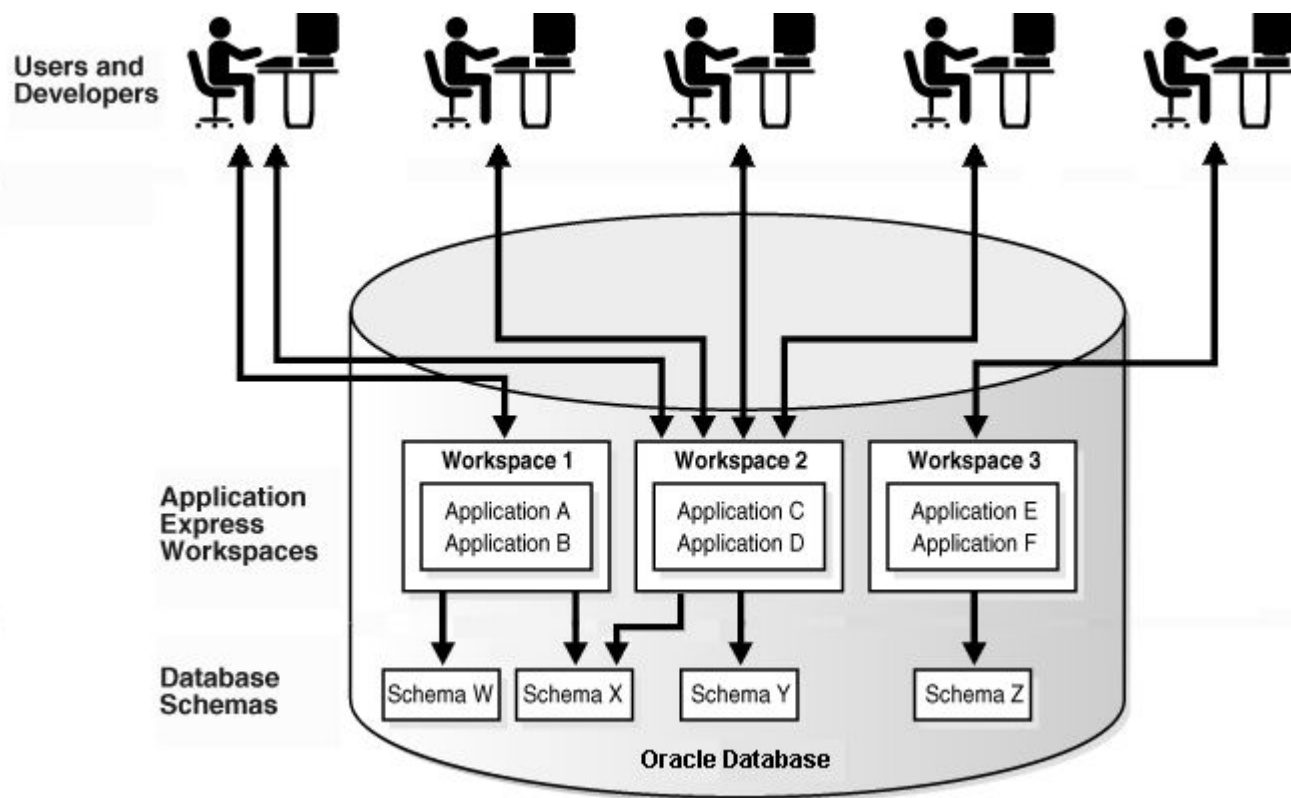
# Работа с данными в Oracle Database Express Edition 11

## 5. Кнопка Create WorkSpace



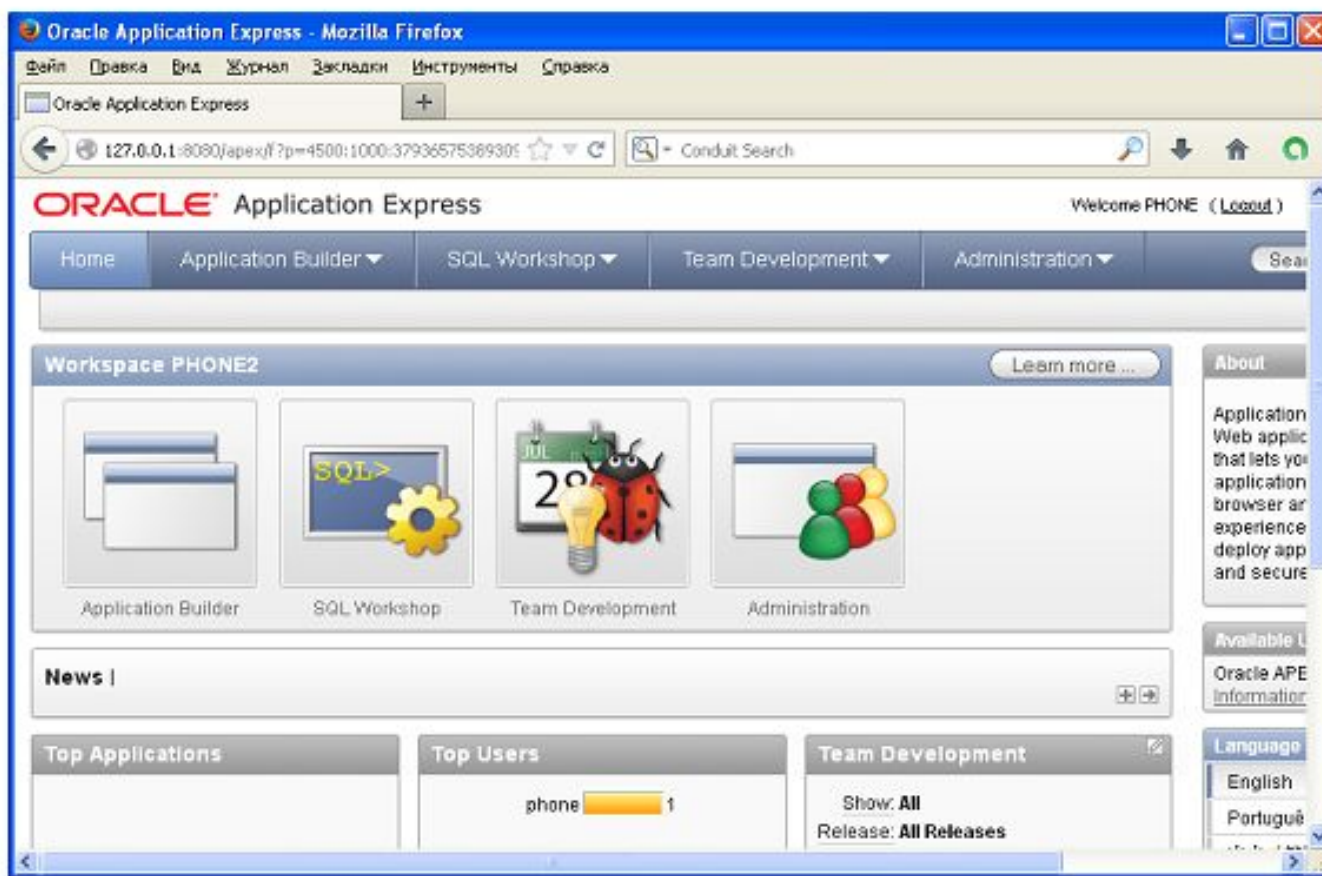
Создаем рабочую область с именем PHONE2  
Кнопка Login - вход.

# Работа с данными в Oracle Database Express Edition 11



# Работа с данными в Oracle Database Express Edition 11

## 6. Меню Object Browser (Администратор БД):





# Работа с данными в Oracle Database Express Edition 11

## 7. Создаем таблицу

Печатаем команду создания таблицы, выполняем (проверяем) запрос и сохраняем текст запроса.

The screenshot displays the Oracle Application Express SQL Commands interface. The browser window title is "SQL Commands - Mozilla Firefox". The address bar shows the URL "127.0.0.1:8080/apex/f?p=4500:10". The page header includes "ORACLE Application Express" and "Welcome PHONE (Logout)". The breadcrumb trail is "Home > SQL Workshop > SQL Commands". The main content area shows a SQL command: "create table phonex (id integer primary key, nom integer, name varchar(35))". Below the command is a "Save SQL" dialog box with "Name" set to "qq1" and "Description" set to "create1". The dialog has "Cancel" and "Save" buttons.

# Работа с данными в Oracle Database Express Edition 11

## 8. Выполняем запрос

Кнопка Run:

SQL Commands - Mozilla Firefox

Файл Правка Вид Журнал Закладки Инструменты Справка

SQL Commands

127.0.0.1:8080/apex/f?p=... Conduit Search

ORACLE Application Express Welcome PHONE (Logout)

Home Application Builder SQL Workshop Team Development Administration

Home > SQL Workshop > SQL Commands

Autocommit Rows 10 Save Run

```
create table phonex (id integer primary key, nom integer, name varchar(35))
```

Results Explain Describe Saved SQL History

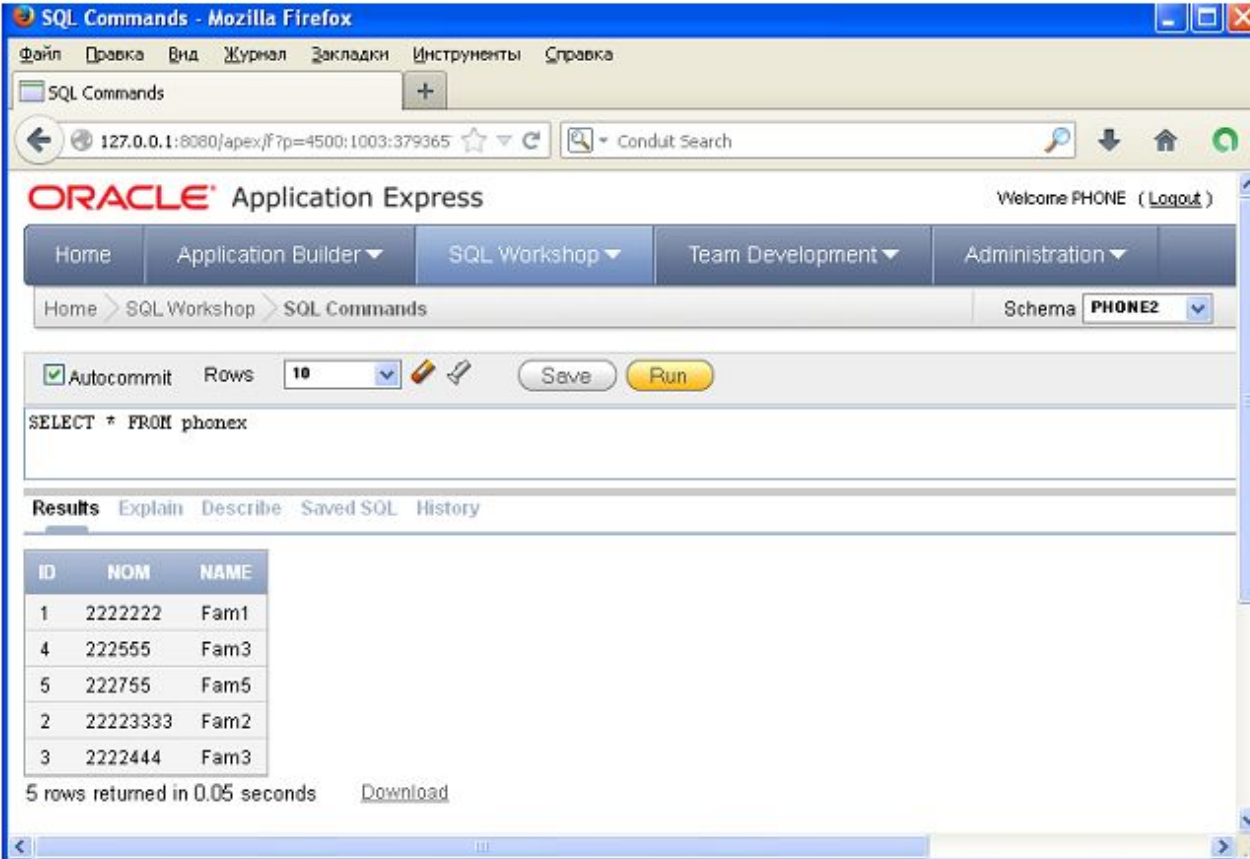
Table created.

0.20 seconds

# Работа с данными в Oracle Database Express Edition 11

## 9. Выводим все поля и все записи таблицы

```
SELECT * FROM phonex
```



The screenshot shows the Oracle Application Express SQL Workshop interface. The browser window title is "SQL Commands - Mozilla Firefox". The address bar shows the URL "127.0.0.1:8080/apex/f?p=4500:1003:379365". The page title is "ORACLE Application Express" and the user is logged in as "PHONE". The navigation menu includes "Home", "Application Builder", "SQL Workshop", "Team Development", and "Administration". The current page is "SQL Commands" under the "SQL Workshop" section. The schema is set to "PHONE2". The SQL command entered is "SELECT \* FROM phonex". The results are displayed in a table with 5 rows and 3 columns: ID, NOM, and NAME. The results are: (1, 2222222, Fam1), (4, 222555, Fam3), (5, 222755, Fam5), (2, 2223333, Fam2), and (3, 222444, Fam3). The status bar indicates "5 rows returned in 0.05 seconds" and provides a "Download" link.

ID	NOM	NAME
1	2222222	Fam1
4	222555	Fam3
5	222755	Fam5
2	2223333	Fam2
3	222444	Fam3