

# **DBR for Oracle**

## **User Manual**



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# 1. Introduction

## 1.1 Product Introduction

**DBR for Oracle** is an efficient and powerful Oracle database repair tool that can repair damaged, corrupted or inaccessible Oracle databases, including database tables, views, functions, stored procedures, and triggers. In addition to repairing the database, it can also scan and recover deleted data in the database.

**DBR for Oracle** provides a simple and easy-to-use operation interface and simple recovery process, even if you are a non-technical user, you can use it easily.

## 1.2 Product Feature

Repair damaged database DBF file and recover the data.

Recover tables, views, functions, stored procedures, triggers.

Recover deleted data in the database.

Support to export the recovered data to Oracle database or export to CSV file.

Support Oracle 10g, 11g, 12c.

Preview the recovered database.

# 2. Installation and Uninstall

## 2.1 Recommended Configuration of PC


For the best performance, the PC specification is recommended as the following:

- CPU: Intel i3 and above
- Memory: 4GB
- Hard Drive: At least 300MB free space for software installation.
- OS: Win7/8/10 Windows Server 2003/2008/2012 64bit OS

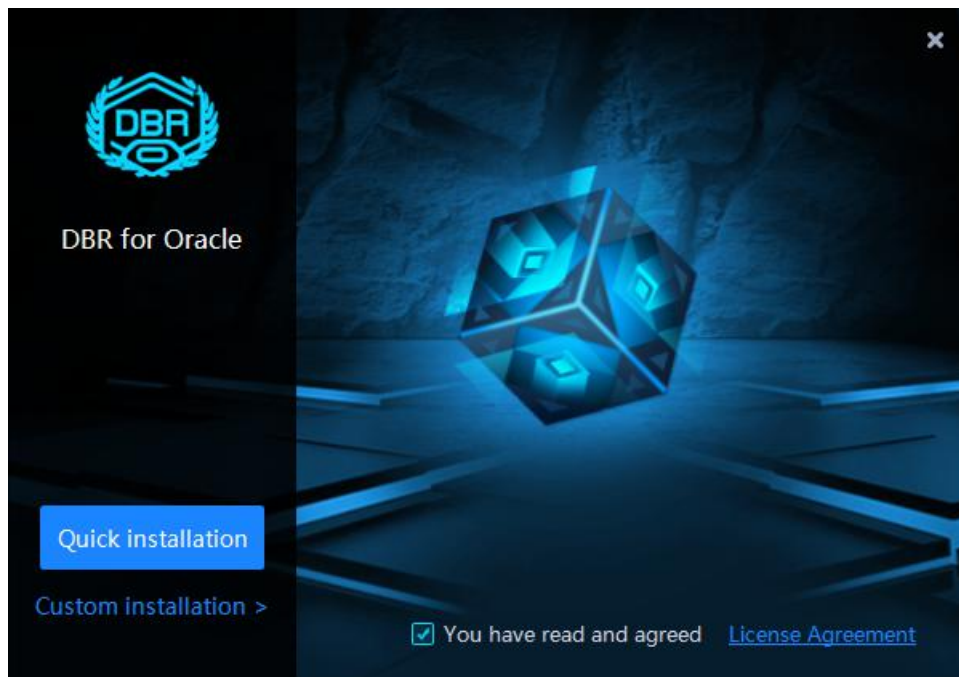
## 2.2 Install DBR for Oracle

In order to avoid possible problems during the installation process, it is recommended that you close the anti-virus software before installation.

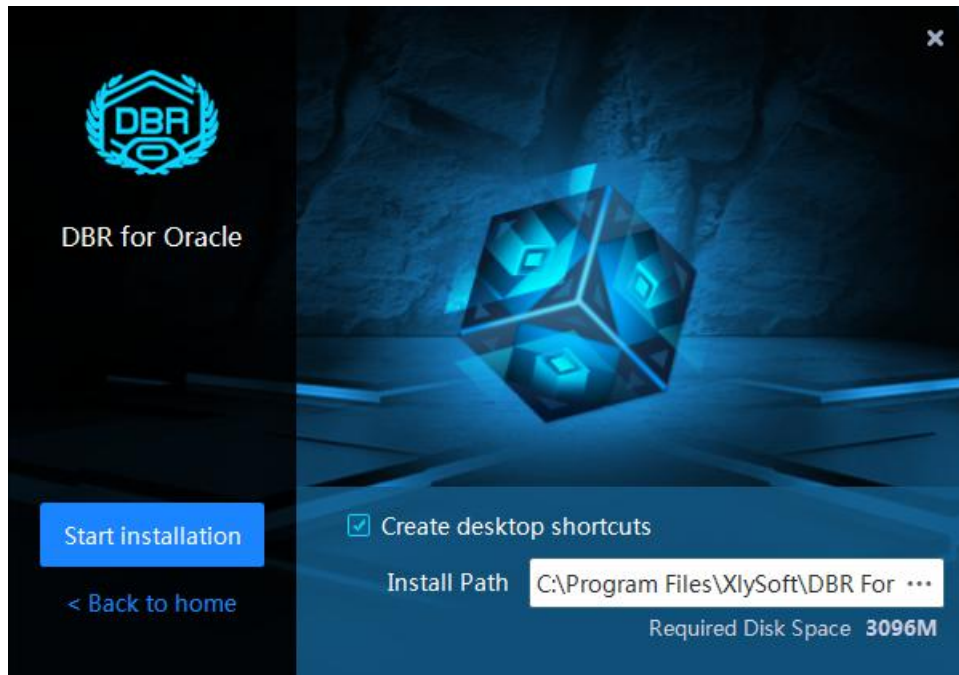
Step 1: Double-click to run the installer.

 DBRForOracle\_x64\_20.10.20.1

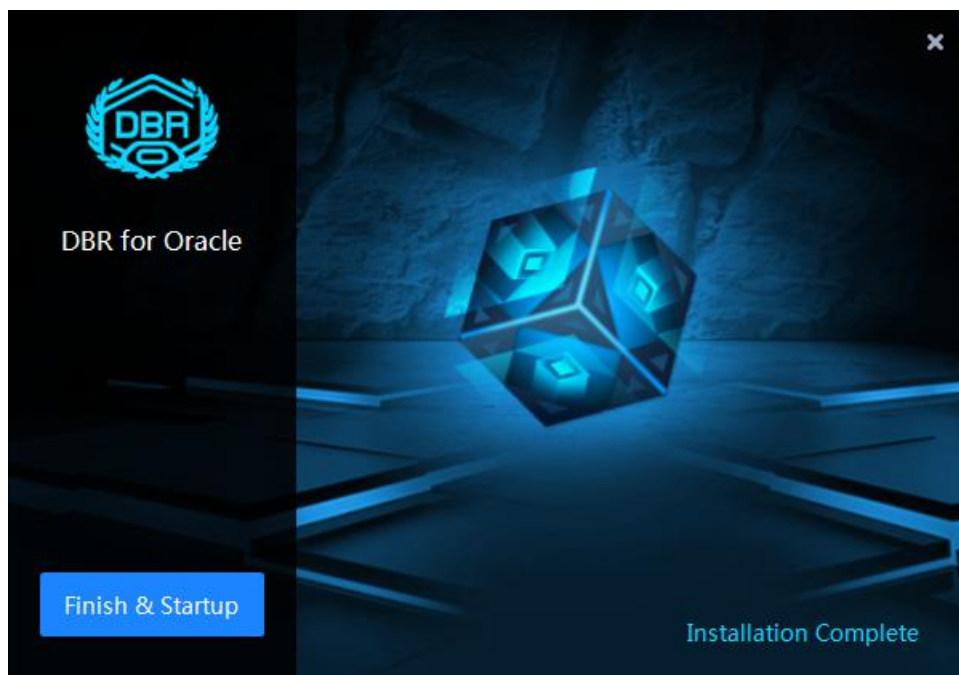
Step 2: Enter the main interface of the installer, check the license after reading the license agreement.



Step 3: Click **Quick installation** to install the software to the default path; or click **Custom installation** and select the installation path, and click **Start installation** to install.



Step 4: After the installation is complete, click **Finish & Startup** to start the program to use or click **Installation Complete** to complete the installation.

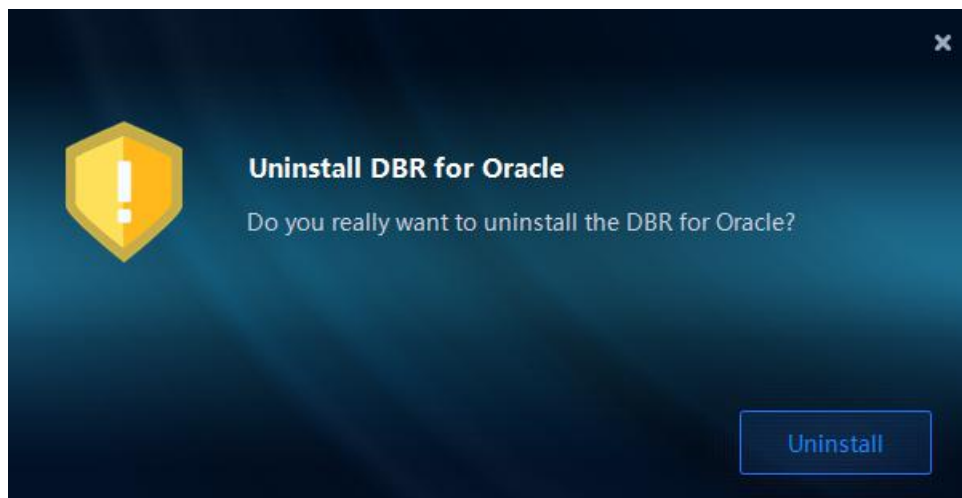


## 2.3 Uninstall DBR for Oracle

Step 1: Open the program installation directory, you can see the uninstall program, as shown in the figure below, double-click to run the uninstall program.



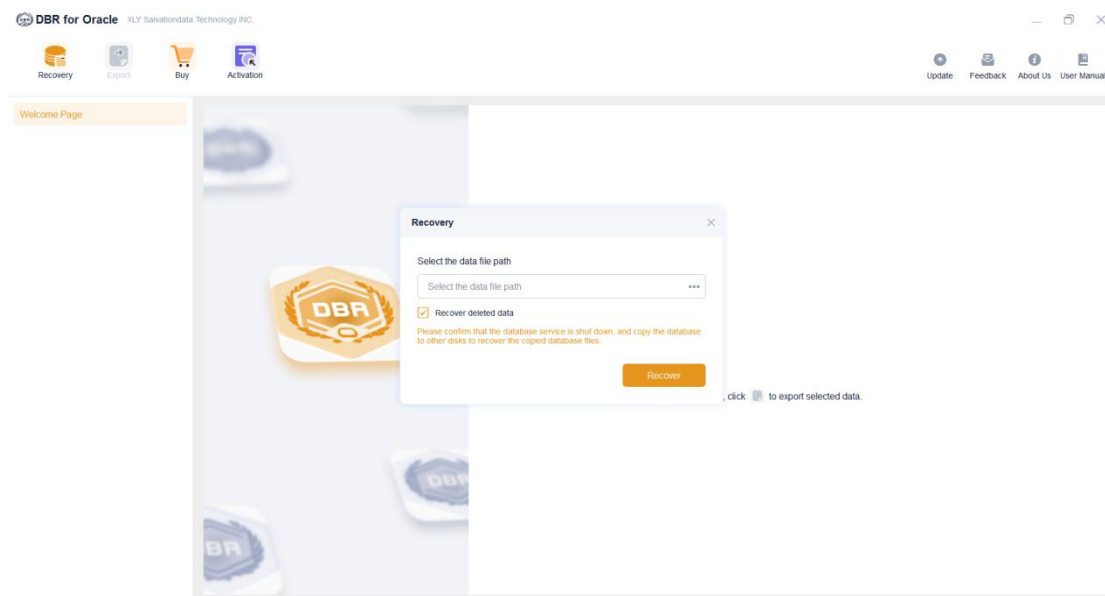
Step 2: Click **Uninstall** to uninstall the program.



### 3. User Interface Description

DBR for Oracle provides a simple and easy-to-use user interface, even if you are a non-technical user, you can use it easily.

After starting the program, you can see the interface as shown in the figure below. The function of each button in the interface is explained below:



## 3.1 Button Description



**Recovery** Click this button to open the dialog box for selecting the database to recover.



**Export** Click this button to export the repaired database and recovered data.



**Buy** Click this button to purchase the software.



**Activation** Click this button to activate the software after purchase.



**Feedback** Click this button to open the question feedback dialog.



**About Us** Click this button to view more information about the software.



**User Manual** Click this button to open the user manual.



**Update** Click this button to update the software.

## 4. Operation

### 4.1 Select the Database to Recover

Before recovering data from a corrupted/damaged database, we need to select the database first.

After starting the program, the dialog box for selecting the database will open directly, click the **...** button to select the database file.

Check the option to **Recover deleted data** to recover deleted table records.

Recovery

Select the data file path

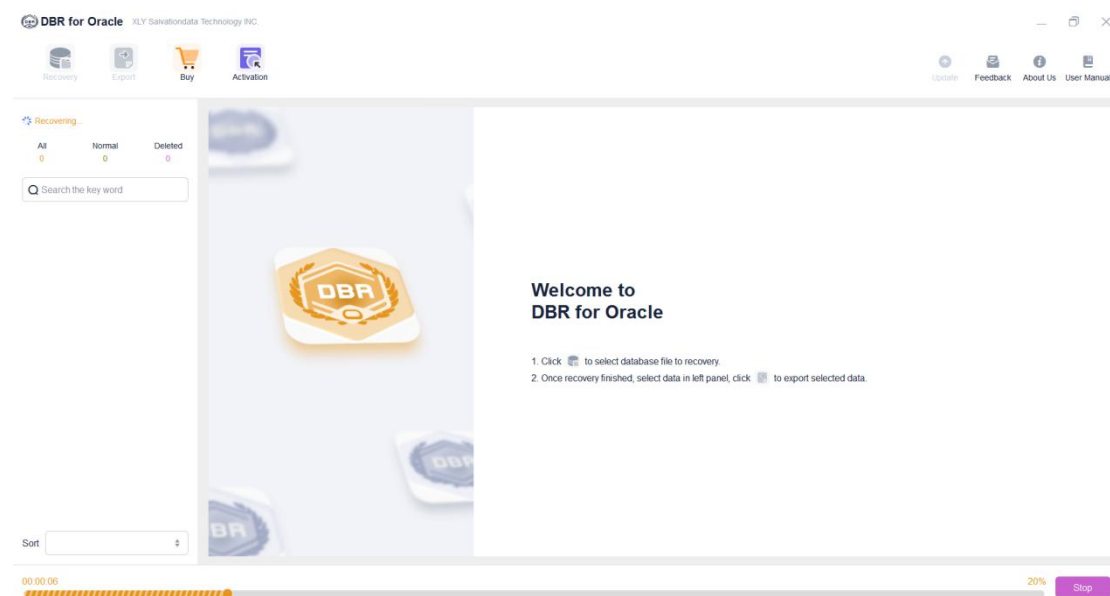
Select the data file path

☒ Recover deleted data

Please confirm that the database service is shut down, and copy the database to other disks to recover the copied database files.

Recover

After the selection is complete, click the **Recover** button to start to recover the database. After the recovery is complete, the database can be previewed. Click the **Stop** button during the scan process to stop the scan and preview the scanned data.



## 4.2 Preview the Recovered Database

Regardless of whether Oracle is installed in your system, you can preview the data before exporting the recovered data.

In the tree structure on the left panel of the interface, all objects of the database are displayed; the area on the right shows the detailed content of the database objects. You can use the search box above the tree structure to enter the name of a database object to search for it.

Click the database name in the tree structure to view the basic properties of the



database. Including information such as the number of tables, views, stored procedures, functions, triggers and so on.

DBR for Oracle XLY Salvatordata Technology INC.

Recovery Export Buy Activation

Update Feedback About Us User Manual

All 1690730 Normal 1525633 Deleted 165097

Q Search the key word

INSTANCE1

SYS

Tables

SOURCE\$(564437)

IDL\_UB1\$(81966)

OBJ\$(89830)

SETTING\$(51226)

WRHS\_OPTSTAT\_HST...

DEPENDENCY\$(32137)

OBJAUTH\$(31042)

SYNS\$(30787)

JAVAOBJS\$(25185)

PROCEDUREINFO\$(2...

Sort Descending by record

### INSTANCE1

Size	2.44 GB	Views	5206
Time Created	2020-10-29 14:28:40	Stored Procedures	173
Time Modified	2019-02-28 11:10:24	Triggers	626
Tables	2961	Functions	311

Total records 1690730  
Normal records 1525633  
Deleted records 165097

No.	Filename	Path
1	CONTROL01.CTL	D:\Database\instance1\CONTROL01.CTL
2	RED001.LOG	D:\Database\instance1\RED001.LOG
3	RED002.LOG	D:\Database\instance1\RED002.LOG
4	RED003.LOG	D:\Database\instance1\RED003.LOG
5	SYS_AUX01.DBF	D:\Database\instance1\SYS_AUX01.DBF
6	SYSTEM01.DBF	D:\Database\instance1\SYSTEM01.DBF
7	TEMP01.DBF	D:\Database\instance1\TEMP01.DBF
8	UNDOTBS01.DBF	D:\Database\instance1\UNDOTBS01.DBF
9	USERS01.DBF	D:\Database\instance1\USERS01.DBF

Click **Tables** in the tree structure to view the name, status, total record number, normal record number, and delete record number of each table in the form of a list.

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All 1647904 Normal 1473468 Deleted 174336

Q Search the key word

INSTANCE1

SYS

Tables

Views

Stored Procedures

Triggers

Functions

PUBLIC

CONNECT

RESOURCE

DBA



SYSTEM

SELECT\_CATALOG\_R...

Sort Descending by record

### Tables

No.	Table name	Status	Total	Normal	Deleted
37	IDL_CHARS	Normal	5700	5421	279
38	SEG\$	Normal	5083	5083	0
39	VIEW\$	Normal	4657	4578	79
40	WRHS_OPTSTAT_IND_HISTORY	Normal	4276	221	4055
41	WRHS_SYSMETRIC_SUMMARY	Normal	4240	156	4084
42	PLSCOPE_ACTION\$	Normal	3962	3961	1
43	METHOD\$	Normal	3900	3899	1
44	METAFILTER\$	Normal	3847	3847	0
45	IND\$	Normal	3799	3797	2
46	CDEF\$	Normal	3328	3304	24
47	METANAMETRANS\$	Normal	3271	3271	0
48	TYPE_MISC\$	Normal	3098	3098	0
49	KOTMDS	Normal	3037	2634	403
50	KOTTBS	Normal	2960	2859	101
51	KOTTD\$	Normal	2927	2878	49
52	TYPE\$	Normal	2922	2922	0
53	WRHS_PARAMETER_NAME	Normal	2905	2905	0

When viewing table records, the status of normal table records is displayed as , and the status of deleted table records is displayed as .

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All 1690730 Normal 1525633 Deleted 165097

Search the key word

INSTANCE1

SYS

Tables

- SOURCE\$(564437)
- IDL\_UB1\$(81966)
- OBJ\$(69830)
- SETTINGS\$(51226)
- WRIS\_OPTSTAT\_HST...
- DEPENDENCY\$(32137)
- OBJAUTH\$(31042)
- SYNS\$(30787)
- JAVAOBJ\$(25185)
- PROCEDUREINFO\$(2...

Sort Descending by record

Record Structure

All data 33852 Normal Data 2469 Deleted Data 31383 Current Page Records 100

Status	OBJ#	INTCOL#	SAVTIME	FLAGS	NULL_CNT	MINIMUM	MAXIMUM	DISTCNT	DENSITY	LOWVAL	HIVAL	AVGCLEN
7072	7		2013-10-09 18:30:45.183000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7070	1		2013-10-09 18:30:45.183000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7070	2		2013-10-09 18:30:45.183000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7070	3		2013-10-09 18:30:45.183000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7073	1		2013-10-09 18:30:45.198000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7073	2		2013-10-09 18:30:45.198000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7073	3		2013-10-09 18:30:45.198000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7073	4		2013-10-09 18:30:45.198000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	1		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	2		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	3		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	4		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	5		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	6		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	7		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7558	8		2013-10-09 18:30:45.214000 -05:00	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

1/339 100 To

When the **(deleted)** mark appears after the field name, it means that the field is a deleted field.

Click on each table record, you can view the detailed content of the record in the lower right area.

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Recovery Export Buy Activation

Update Feedback About Us User Manual

All 1690730 Normal 1525633 Deleted 165097

Search the key word

INSTANCE1

SYS

Tables

- SOURCE\$(564437)
- IDL\_UB1\$(81966)
- OBJ\$(69830)
- SETTINGS\$(51226)
- WRIS\_OPTSTAT\_HST...
- DEPENDENCY\$(32137)
- OBJAUTH\$(31042)
- SYNS\$(30787)
- JAVAOBJ\$(25185)
- PROCEDUREINFO\$(2...

Sort Descending by record

Record Structure

All data 564437 Normal Data 562276 Deleted Data 2161 Current Page Records 100

Status	OBJ#	LINE	SOURCE
1310	10		subtype REAL is FLOAT, - FLOAT(63)
1310	11		subtype "DOUBLE PRECISION" is FLOAT;
1310	12		subtype INTEGER is NUMBER(38,0);
1310	13		subtype INT is INTEGER;
1310	14		subtype SMALLINT is NUMBER(38,0);
1310	15		subtype DECIMAL is NUMBER(38,0);
1310	16		subtype NUMERIC is DECIMAL;
1310	17		subtype DEC is DECIMAL;
1310	18		
1310	19		
1310	20		subtype BINARY_INTEGER is INTEGER range '2147483647'..2147483647;
1310	21		subtype NATURAL is BINARY_INTEGER range 0..2147483647;

1/5645 100 To

SOURCES

OBJ#: 1310

LINE: 15

SOURCE: subtype DECIMAL is NUMBER(38,0);

Click **Structure**, you can view the table structure of the table.

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Search the key word

INSTANCE1

SYS

Tables

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OBJAUTH\$(31042)

SYNS\$(30787)

JAVAOBJ\$(25185)

PROCEDUREINFO\$(2...

Sort Descending by record

Record Structure

All data 33852 Normal Data 2469 Deleted Data 31383 Current Page Records

Field Name	Key Type	Field Type	Length	Accuracy	No Symbol	Allow Null	Deleted	Hidden	Coding	Remark
OBJ#	None	NUMBER	0	0						-
INTCOL#	None	NUMBER	0	0						-
SAVTIME	None	TIMESTAMP(6) WITH TIME ZONE	0	6						-
FLAGS	None	NUMBER	0	0						-
NULL_CNT	None	NUMBER	0	0						-
MINIMUM	None	NUMBER	0	0						-
MAXIMUM	None	NUMBER	0	0						-
DISTCNT	None	NUMBER	0	0						-
DENSITY	None	NUMBER	0	0						-
LOWVAL	None	RAW	32	0						-
HIVAL	None	RAW	32	0						-
AVGCLN	None	NUMBER	0	0						-
SAMPLE_DISTCNT	None	NUMBER	0	0						-
SAMPLE_SIZE	None	NUMBER	0	0						-
TIMESTAMP#	None	DATE	0	0						-
EXPRESSION	None	CLOB	0	0						GBK
COLNAME	None	VARCHAR2	30	0						GBK

## 4.3 Export the Recovered Database

After previewing the recovered database, you can export the database.

First, check the checkboxes in front of the tables or other database objects that need to be exported in the tree structure, then click the **Export** button to open the export database dialog box.

DBR for Oracle XLY Salvatordata Technology INC.

Recovery Export Buy Activation

Update Feedback About Us User Manual

All 1690730 Normal 1525633 Deleted 165097

Search the key word

INSTANCE1

SYS

Tables

SOURCE\$(564437)

IDL\_UB1\$(81966)

OBJ\$(69830)

SETTINGS\$(51226)

WRIS\_OPTSTAT\_HST...

DEPENDENCY\$(32137)

OBJAUTH\$(31042)

SYNS\$(30787)

JAVAOBJ\$(25185)

PROCEDUREINFO\$(2...

Sort Descending by record

Record Structure

All data 69830 Normal Data 68620 Deleted Data 1210 Current Page Records 100

Status	OBJ#	DATAOBJ#	OWNER#	NAME	NAMESPACE	SUBNAME	TYPE#	CTIME	MTIME	STIME	S
✓	20	2	0	ICOL\$	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:37:54	2013-10-09 18:23:42	1
✓	46	46	0	I_USER1	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	28	28	0	CONS	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:45:31	2013-10-09 18:23:42	1
✓	15	15	0	UNDOS	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	29	29	0	C_OBJ#	5	NULL	3	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	3	3	0	I_OBJ#	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	25	25	0	PROXY_ROLE_DATAS	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	41	41	0	I_IND1	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	54	54	0	I_CDEF2	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	40	40	0	I_OBJ5	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	26	26	0	I_PROXY_ROLE_DATAS_1	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	17	17	0	FILES	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	13	8	0	UETS	1	NULL	2	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	9	9	0	I_FILE#_BLOCK#	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	43	43	0	I_FILE1	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1
✓	51	51	0	I_CON1	4	NULL	1	2013-10-09 18:23:42	2013-10-09 18:23:42	2013-10-09 18:23:42	1

You can select to export the data as a file or export the data to a newly created Oracle database.

### Export to File:

In the Export Database dialog box, select the **Export to file** tab.

You can select to export the data in CSV format. And select whether to export deleted data and deleted field according to actual needs.

After selecting the save path, click the **Export** button to export.

Export Data

Export to file

Export to database

Export Deleted Data

☒ Yes

☐ No

Export Deleted Field

☒ Yes

☐ No

Save Path

☒ Open the folder when process is done

Export

### Export to Database:

**Note:** Using this export method, the program will create a new Oracle database and export the selected table to this database. Currently, it only supports exporting database tables to the Oracle database.

In the Export Database dialog box, select the **Export to database** tab.

Fill in the IP Address, Port, User Name, Password, and Service Name of the newly created database, and select whether to export deleted data and deleted field according to actual needs.

After completing the filling, click the **Export** button, the system will create a new Oracle database based on the filled information, and export the selected tables to the database.

Export Data

Export to file
Export to database

All selected tables will be exported to new database

IP Address
192.168.0.107
Port
1521

User Name
SYSTEM
Password

Service Name
ORCL

Export Deleted Data
☒ Yes
☐ No

Export Deleted Field
☒ Yes
☐ No

Test Connection
Export

## 5. Purchase、Activate、Update

### 5.1 Purchase

You can go to <http://www.salvationdata.com/dbr4ora/> to learn more about DBR for Oracle.

To purchase, please go to <http://www.salvationdata.com/dbr4ora/buynow.html>



You can also click in the software to purchase online.

After the order payment is successful, you will receive an email containing the software activation code, you can use the activation code to activate the software.

### 5.2 Activate



After obtaining the activation code, you can click in the software to open the

activation software dialog box. After entering the activation code, click the **Activate** button to activate.

**Activate** ×


Please enter activation code

[No activation code?](#)

Activate

## 5.3 Update

**DBR for Oracle** will provide software updates on a regular basis. You can click

 **Update** to check whether the software has the latest version. If the latest version is detected, it will prompt and display the updated content of the new version. You can update the software according to the prompt information.

## 6. Help & Support

If you have any questions or problems, you can get assistance by following methods.

### Telephone

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+86 28 6873 1486

### Email

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Technical Support: [support@salvationdata.com](mailto:support@salvationdata.com)  
Sales & Marketing: [info@salvationdata.com](mailto:info@salvationdata.com)

### Address

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XLY Salvationdata Technology INC.

Room 1101-1102, Zhonghang City Plaza, Wuhou, Chengdu, Sichuan, China 610041

We are looking forward to talking with you soon!