

Find User in SQL Server

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On SQL Server there is a system table called `sys.database_principals`. You can run the above query and the result is all Users created on the database and information about them.

To retrieve all Users in SQL Server, run the following command:

```
SELECT *  
FROM master.sys.database_principals;
```

System `sys.database_principals` includes the following columns:

COLLECTION NOTE User name created in the `CREATE USER principal_id` command principal code (numeric value) type

Type principal:

- S = User of SQL Server
- U = User of Windows
- G = Windows group
- A = Application role
- R = Database role
- C = Certificate has mapped
- K = Asymmetric key is mapped

`type_desc`

Description of principal types:

- SQL_USER
- WINDOWS_USER
- WINDOWS_GROUP
- APPLICATION_ROLE
- DATABASE_ROLE
- CERTIFICATE_MAPPED_USER
- ASYMMETRIC_KEY_MAPPED_USER

`default_schema_name` The name used when the schema is not defined `create_date` Date / Time created User by `CREATE USER` command `modify_date` User Date / Time edit `owning_principal_id` Id principal of User `sid` The value `sid` is specified in the `CREATE LOGIN` command `is_fixed_role` 0 or 1 `authentication_type` NONE, WINDOWS, INSTANCE `default_language_name` `default_language_lcid`

For older versions

In older versions of SQL Server, you can retrieve all Users by using the sys.sysusers table in SQL Server 2000. The command is as follows:

```
SELECT *  
FROM master.sys.sysusers;
```

COLLECTION NOTE uid user Id (unique numeric value) status Not applicable User name created in CREATE USER sid command Sid value is specified in the command CREATE LOGIN roles Not created createdate Date / Time created User by CREATE USER updatedate command Date / Time to edit User altuid Not apply password Not apply gid Group id assigned to User environ Not applicable hasdbaccess Value 0 or 1 islogin Value 0 or 1 isntname Value 0 or 1 isntgroup Value 0 or 1 isntuser Value 0 or 1 issqluser Value 0 or 1 isaliased Value 0 or 1 issqlrole Value 0 or 1 isapprole Value 0 or 1

See more:

1. Find Login in SQL Server
2. The CREATE USER command in SQL Server

Previous article: DROP USER command in SQL Server

The following article: Use annotations in SQL Server

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