Cloud Computing
Models

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Overview

Core
- Users
- Tools

User(s)
- Creates
- Selects

Tool(s)
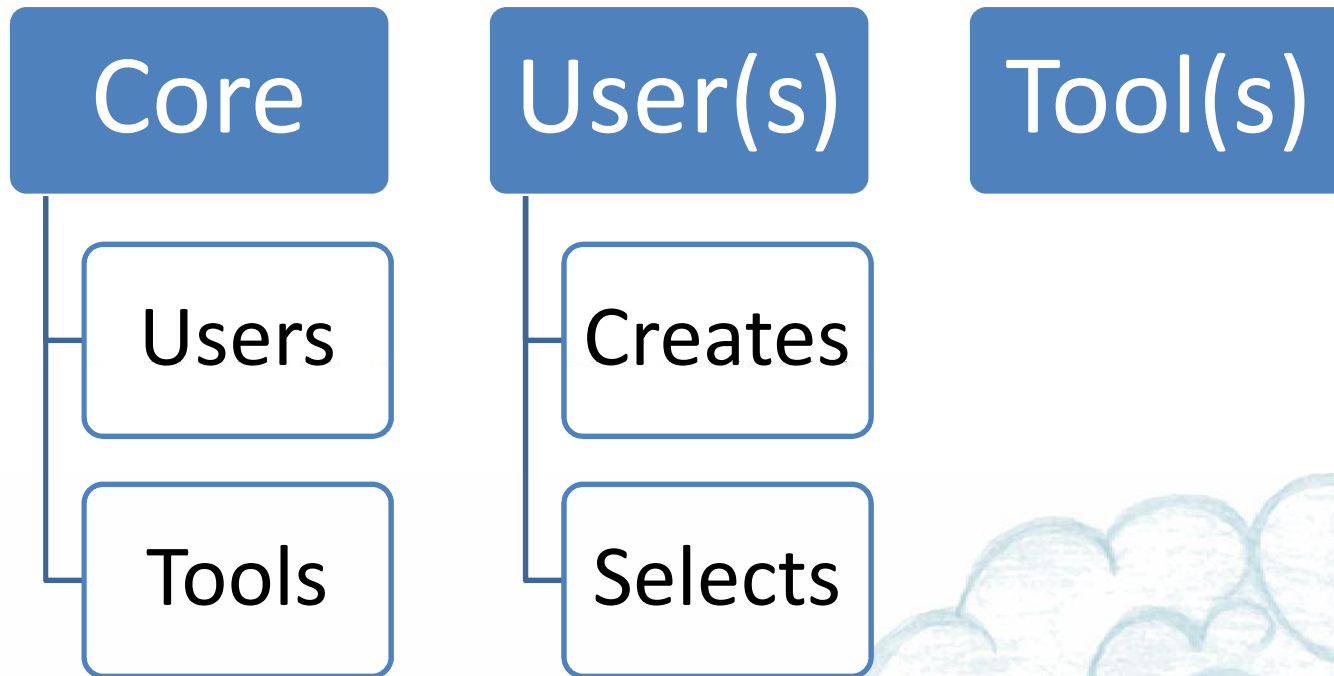
Database per Tool

```python
#use SQLite directly

from sqlite3 import connect
con = connect('test.db')

#use SQLite with SQLAlchemy
from sqlalchemy import create_engine
engine = create_engine(

    'sqlite:///test.db'

)
```

Database per User

```python
#in login we start session per user

from sqlalchemy import create_engine

engine = create_engine(
    'sqlite:///' +
    str(session['user_id']) +
    '.db'
)
```

User in CoreDB

Name	Type
id	integer, key, unique, auto
username	text
password	text

Tool in CoreDB

Name	Type
id	integer, key, unique, auto
name	text, unique

Select in UserDB

Name	Type
tool	integer, key, unique

Create in UserDB

Name	Type
tool	integer, key, unique
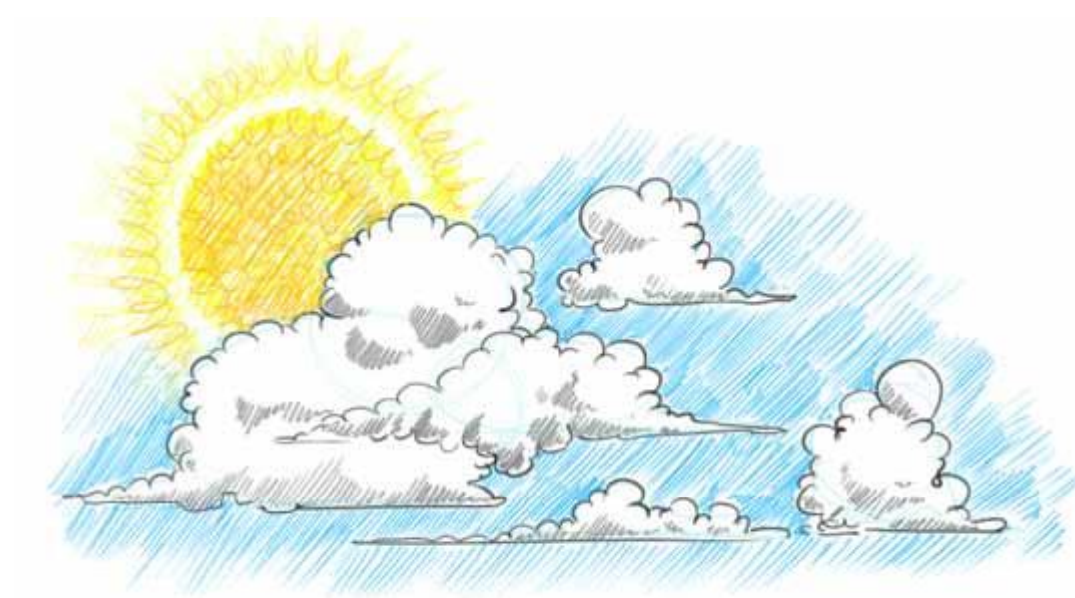
Thank You for Your Attention