


# Embedded Documents in PyMongo



# A uniquely document-oriented pattern



Embedding is an extremely important modeling technique when working with MongoDB and it can be used to solve many data modeling problems usually solved by a join in traditional RDBMS.



What exactly is meant by  
embedding?

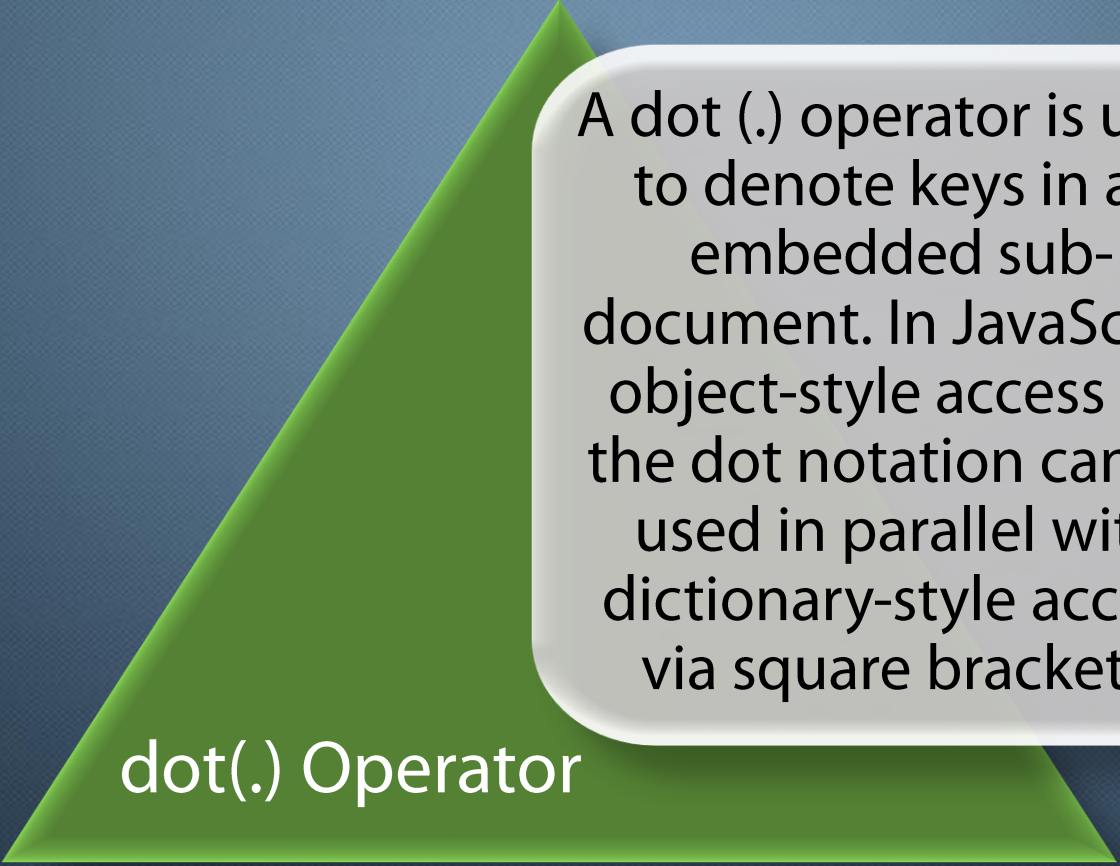
# Embedding of Documents

```
>>> user_doc = {  
    "name": "sam",  
    "roll no": 12,  
    "course": "Computer science",  
    "address": {  
        "home": "bangalore",  
        "residence": "delhi"  
    }  
}
```

As we know  
MongoDB provides  
the facility of  
document-oriented  
pattern



# Operations on Embedded Documents



A dot (.) operator is used to denote keys in an embedded sub-document. In JavaScript object-style access via the dot notation can be used in parallel with dictionary-style access via square brackets.

dot(.) Operator

```
db.users.find_one({"facebook.username": "foofacebook"})
```



# *Hands-On*

