

Wrapping Up the Basics of SQLAlchemy Core



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SQLAlchemy



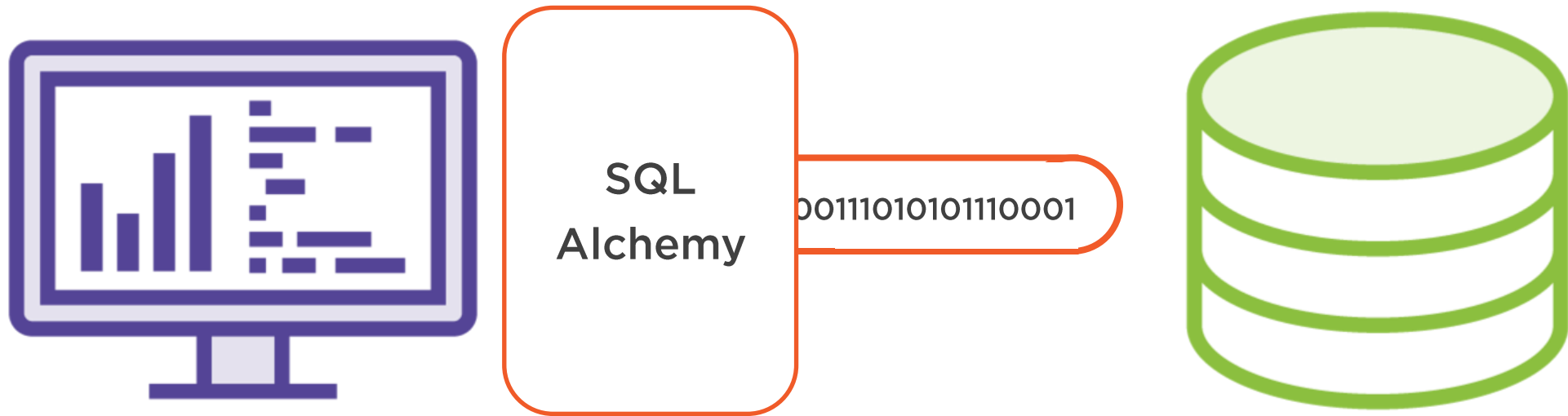
SQLAlchemy

Core



ORM





HEROES of the Endless War

Jade

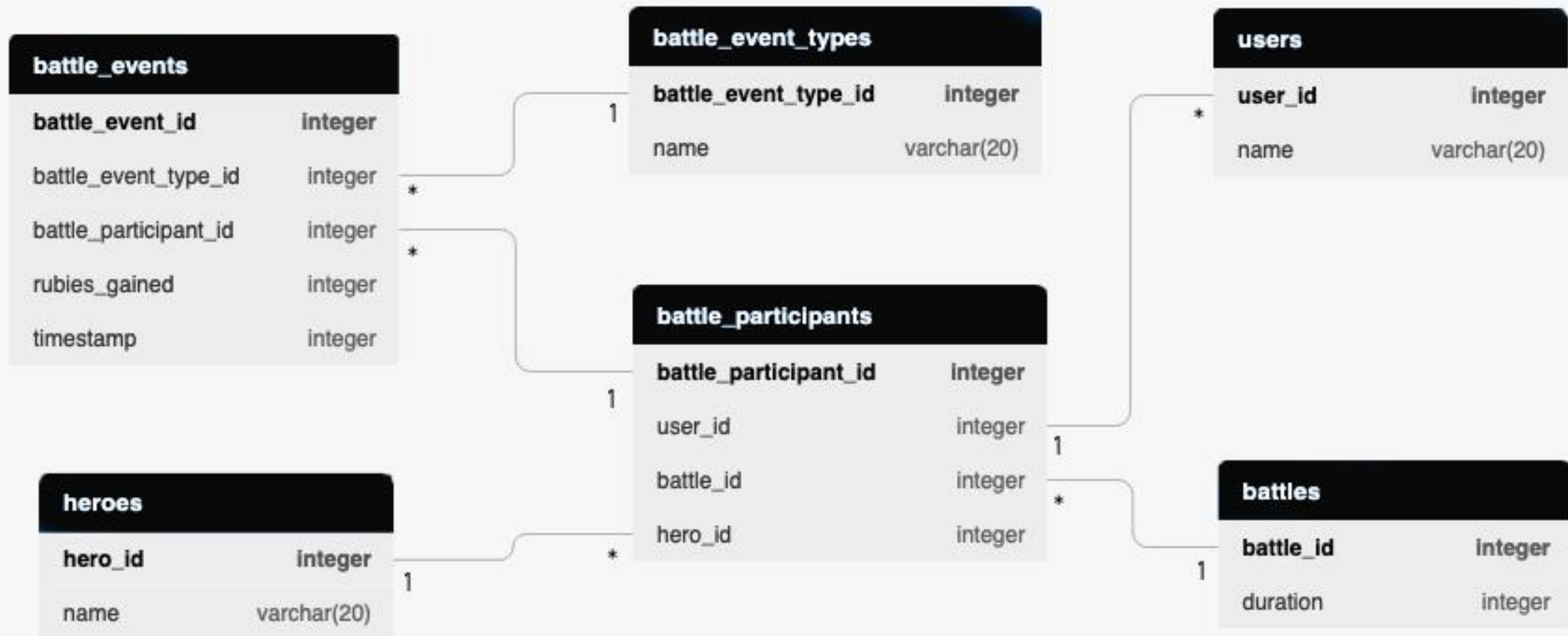


Grimm



Mako





```
heroes_table = Table('heroes', metadata
    Column('hero_id', Integer, nullable=False, primary_key=True),
    Column('name', String(20), nullable=False)
)
```



```
users_query = select([users_table])  
                .where(  
                    (users_table.c.user_id > 5) & (users_table.c.user_id < 10)  
                )  
  
results = connection.execute(users_query)  
results.fetchall()
```




```
join = battle_participants_table
    .join(battle_events_table,
          battle_participants_table.columns.battle_participant_id ==
battle_events_table.columns.battle_participant_id)
    .join(heroes_table,
          battle_participants_table.columns.hero_id == heroes_table.columns.hero_id)

query = select([
    heroes_table.columns.name,
    func.count(battle_events_table.columns.battle_event_id).label('total_events')
])
    .select_from(join)
    .group_by(heroes_table.columns.name)
    .order_by(Column('total_events').desc())
```



HEROES of the Endless War

