

Customize and Validate



Patrick Schroeder
SOFTWARE ENGINEER



Overview



Customize model

Perform validation

Hooks





Client



Database

Customize Model



freezeTableName

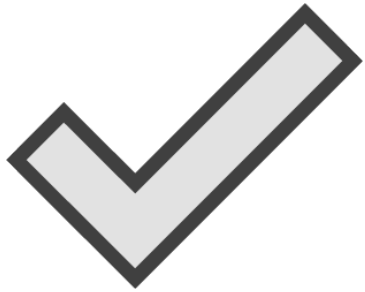
When set to true, model name matches table name.



Attribute Qualifiers



Qualifiers



primaryKey

defaultValue

allowNull



```
const User =  
connection.define('User', {  
  uuid: {  
    type: Sequelize.UUID,  
    primaryKey: true,  
    defaultValue: Sequelize.UUIDV4  
  }  
})
```

- ◀ Assign primary key
- ◀ Assign default value



Attribute Validations



Hooks



Hooks

Hooks are called before and after events in sequelize are executed.



```
beforeValidate: () => {  
  console.log('beforeValidate');  
}
```

◀ Before Validation

```
afterValidate: () => {  
  console.log('afterValidate');  
}
```

◀ After Validation

```
beforeCreate: () => {  
  console.log('beforeCreate');  
}
```

◀ Before Creation

```
afterCreate: () => {  
  console.log('afterCreate');  
}
```

◀ After Creation



Hooks

```
var User = connection.define('User', {  
  name: Sequelize.STRING,  
  password: Sequelize.STRING  
}, {  
  hooks: {  
    afterValidate: (user) {  
      user.password = bcrypt.hashSync(user.password, 8);  
    }  
  }  
})
```



Summary



Modifiers

- timeStamp, freezeTableName

Qualifiers

- allowNull, primaryKey, defaultValue

Validators

Hooks

