

# Some useful Mongo Operators

## **\$inc operator**

Increments the value of the field by the specified amount

```
User.update({ name: 'Joe' }, { $inc: { postCount: 10 } })
```

## **\$set operator**

Sets the value of a field in a document.

```
User.update({ name: 'Joe' }, { $set: { postCount: 20 } })
```

## **normal regex pattern**

```
User.find({ name: new RegExp( 'Jo', 'i' ) })
```

## **\$regex operator**

Selects documents where values match a specified regular expression.

```
User.find({ name: { $regex: 'Jo', $options: 'i' } })
```

## **adding a where condition and select specific attributes**

```
User.find({ name: { $regex: name, $options:'i' } })
```

```
.where(name).equals('Joe')
```

```
.select({ name: 1 })
```

## **sort the results**

(1 to specify ascending order, -1 to specify descending order)

```
User.find({}).sort('-postedDate')
```

```
User.find({}).sort({ postedDate: -1 })
```

## **aggregate \$group**

Groups documents by some specified expression.

```
User.aggregate([ { $group: { _id: "$name", avgCount: { $avg: "$postCount" } } }])
```

```
.sort('avgCount')
```

## **\$in operator**

Matches any of the values specified in an array.

```
User.find({ name: { $in: ['Joe','Alex'] } })
```