validator.md 2025-02-09

Mongoose Methods and Their Middleware Support

Method	Pre Middleware	Post Middleware	Notes
doc.save()	Yes	Yes	Document-level; triggers pre('save') and post('save')
Model.create()	Yes (via save hooks)	Yes (via save hooks)	Internally calls doc.save() for each doc
doc.remove()	Yes	Yes	Document-level removal (deprecated in favor of query delete methods)
Model.insertMany()	No	No	Bypasses middleware for performance reasons
updateOne()	Yes (query middleware)	Yes (query middleware)	Validations are off by default (enable with { runValidators: true })
updateMany()	Yes (query middleware)	Yes (query middleware)	Use { runValidators: true } for validations
<pre>findOneAndUpdate()</pre>	Yes (query middleware)	Yes (query middleware)	Alias: <pre>findByIdAndUpdate()</pre> works similarly; enable validations via { runValidators: true }
findByIdAndUpdate()	Yes (query middleware)	Yes (query middleware)	Alias for findOneAndUpdate()
deleteOne()	Yes (query middleware)	Yes (query middleware)	For query-based deletion
deleteMany()	Yes (query middleware)	Yes (query middleware)	For bulk deletion
findOneAndDelete()	Yes (query middleware)	Yes (query middleware)	Alias: findByIdAndDelete() works similarly
findByIdAndDelete()	Yes (query middleware)	Yes (query middleware)	Alias for findOneAndDelete()
find()	Yes (query middleware)	Yes (query middleware)	Read operation; validations are not applicable
findOne()	Yes (query middleware)	Yes (query middleware)	Read operation; validations are not applicable
findById()	Yes (query middleware)	Yes (query middleware)	Alias for findOne({_id:})