

# Activity: APIs - hardening the routes

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In the lesson we saw how to error trap for "get all" and "get one" routes for documents, now your challenge is to go through and add in the error trapping for:

1. Hotels by location - this is the geo-query part of the hotels "get all" route.
2. Get all reviews - remember that just because a hotel doesn't have any reviews doesn't mean that's an error!
3. Get one review - the way to get to a single subdocument is through the parent document, so trap every possible place something could go wrong.

## Useful HTTP status codes

- 200 - Okay
- 400 - Bad request
- 404 - Not found
- 500 - Internal server error

## The golden rules of API design

1. Always return a response - make sure there's no way anyone could be left hanging
2. Return the correct HTTP Status Code
3. Return contents or a message

## The source code

If you want the code before any of the error trapping was done, you can get the zip from the previous lesson. If you get stuck, the zip attached to this lesson contains the completed code.

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This is an activity from [The complete JavaScript developer: MEAN stack zero-to-hero](#)

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