Java Core Libraries: Java Log System

Logging: What, When and Why?

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Overview/Summary

- **What is logging?**
- **Why logging?**
- **When to use logging?**
- **Carved Rock Fitness order problem**
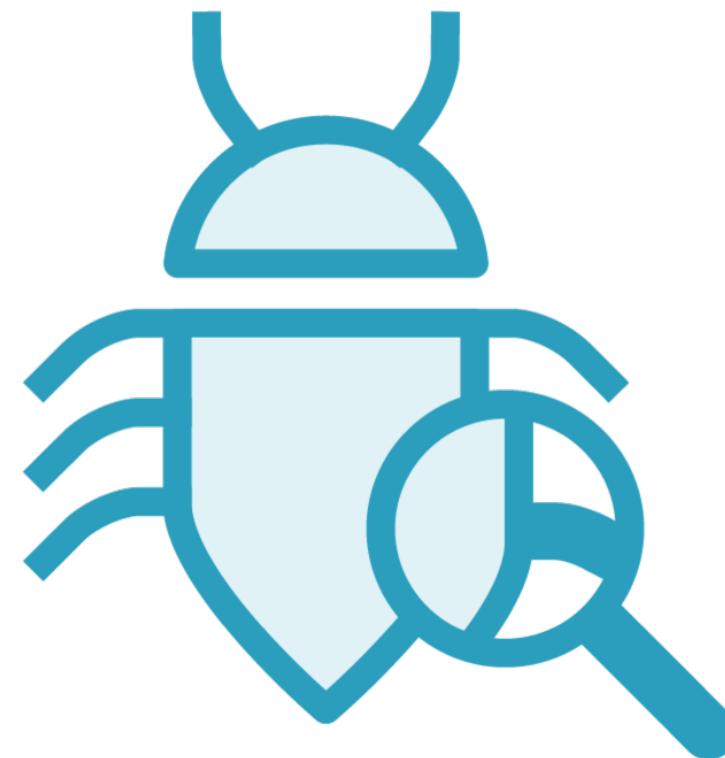
Logging is the act of writing information about events in the application to a file, also called the log file.

Software developers decide what is written to the log.

Why Logging?

Trouble shooting

Performance analytics

Auditing

Who Will It Benefit?

Software developers
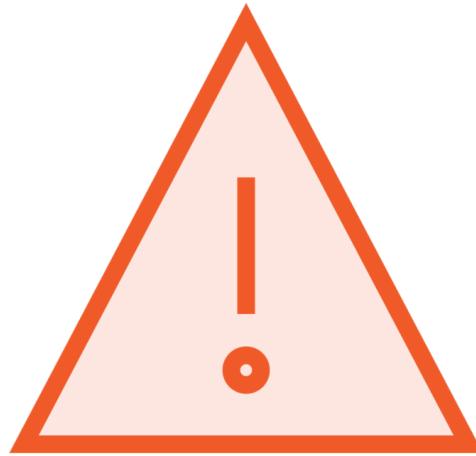
**System administrators**

**Support team**
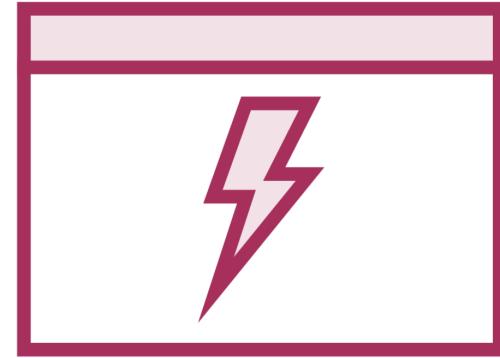
End users!
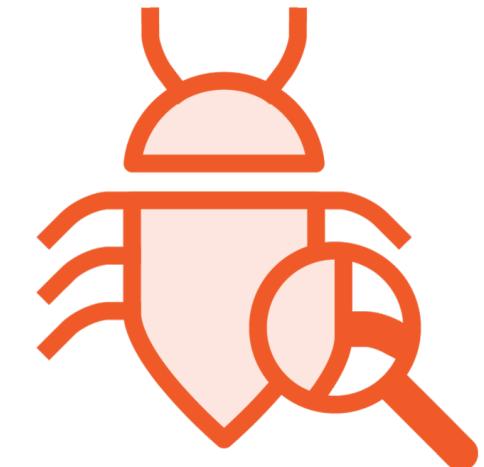
When to Use Logging
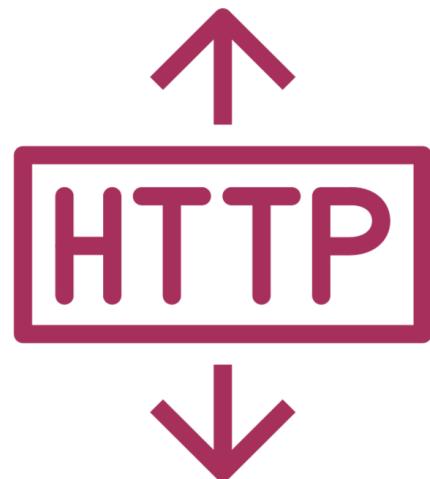
Exceptions and errors
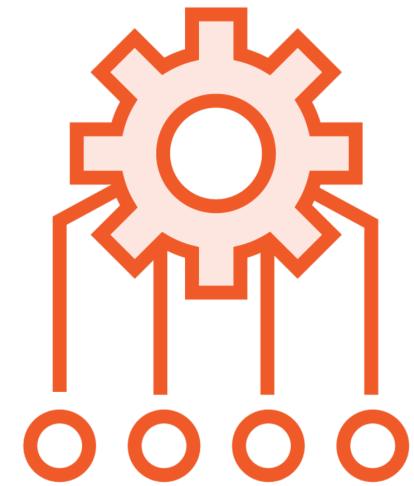
Events and states
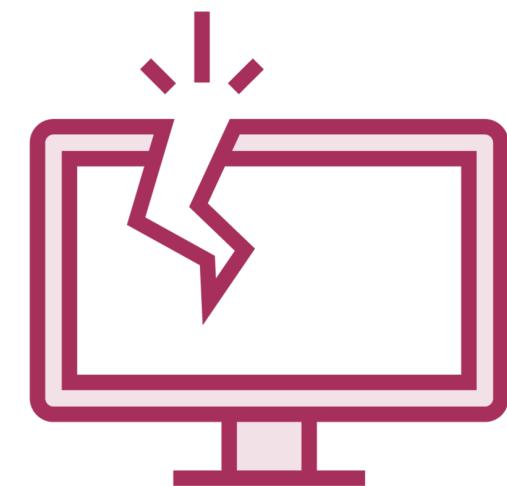
Debug info

HTTP requests

Thread usage

Frontend errors

Demo

- Carved Rock Fitness order problem

- No error message on the frontend

- Orders don't come through

CARVED ROCK
FITNESS

CLOTHING   **FOOTWEAR**   **EQUIPMENT**   **BAGS & TRAVEL**   **TRAIL REVIEWS**

John Doe

🛒 Your Cart | log out

Gear in your cart ...

	Headlihgt Helmet	$59.95	**< 2 >** Quantity	**$119.90**
	Protect your noggin and light your way. The best of both worlds.			
	Edit Item	Remove Item	Move to Wish List			

	Ultimate Dreamline Kaya	$649.99	**< 1 >** Quantity	**$649.99**
	Carbon fiber body with platinum hooks make this the perfect gift for that ...			
	Edit Item	Remove Item	Move to Wish List			
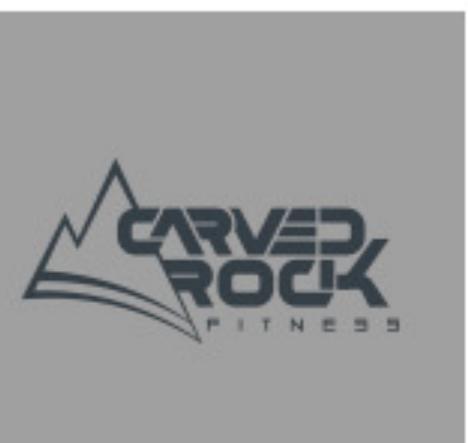
	Carved Rock Tee	$15.00	**< XL >** Size	**< 1 >** Quantity	**$15.00**
	Protect your noggin and light your way. The best of both worlds.				
	Edit Item	Remove Item	Move to Wish List				

Order Summary

3 Items in cart: **$784.89**

Est. Shipping & Handling: $100.00

Est. Total   **$884.89**

CHECKOUT

Up Next:
Creating Log Messages