THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!

SECTION

DEVELOPER SKILLS & EDITOR

SETUP

LECTURE

DEBUGGING (FIXING ERRORS)

WHAT IS A SOFTWARE BUG?

- Software bug: Defect or problem in a computer program.

 Basically, any unexpected or unintended behavior of a computer program is a software bug.
- Bugs are completely normal in software development!

Previous example: "We need a function that reverses whatever we pass into it"

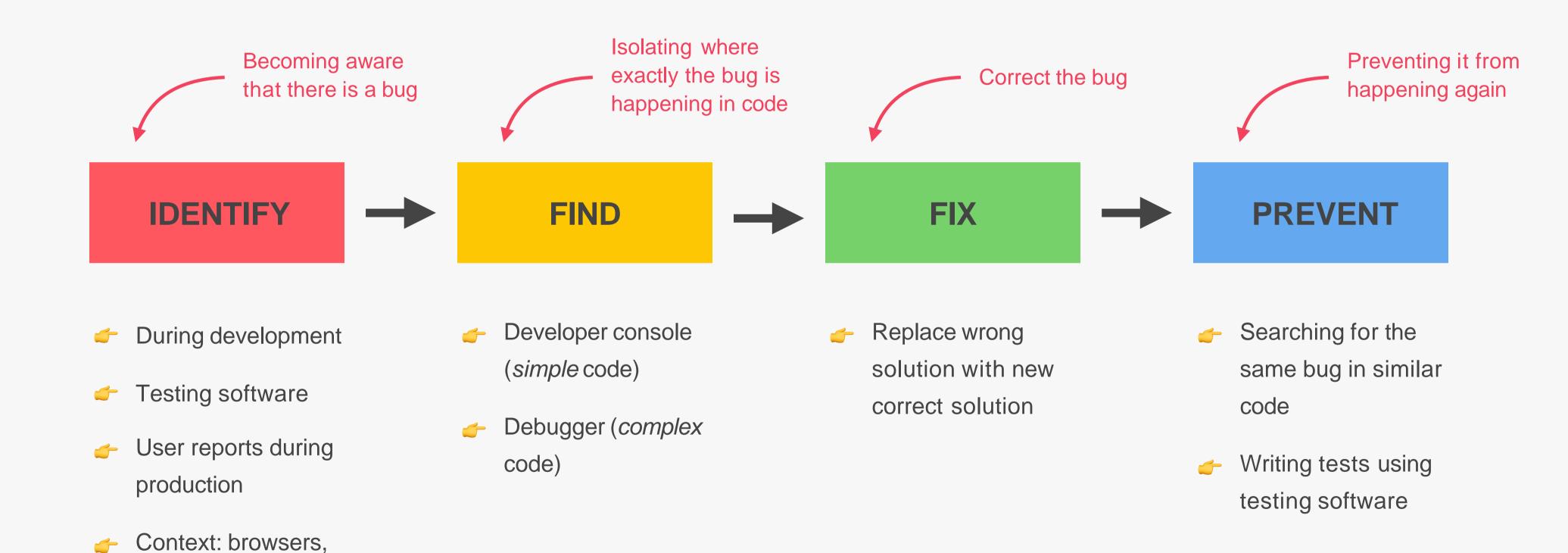


(Sine check) 1545 A real bug which was causing an error in Harvard's computer in the 1940s

Debugging: Process of finding, fixing and preventing bugs.

THEDEBUGGING PROCESS

users, etc.



JAVASCRIPT IN THE BROWSER: DOMAND EVENTS FUNDAMENTALS

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SECTION

JAVASCRIPT IN THE BROWSER: DOM AND EVENTS FUNDAMENTALS

LECTURE

WHAT'S THE DOM AND DOM MANIPULATION



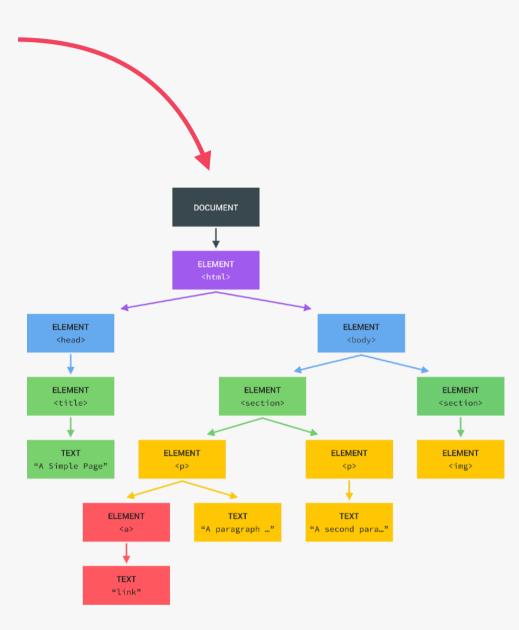
WHAT IS THE DOM?

Tree structure, generated by browser on HTML load

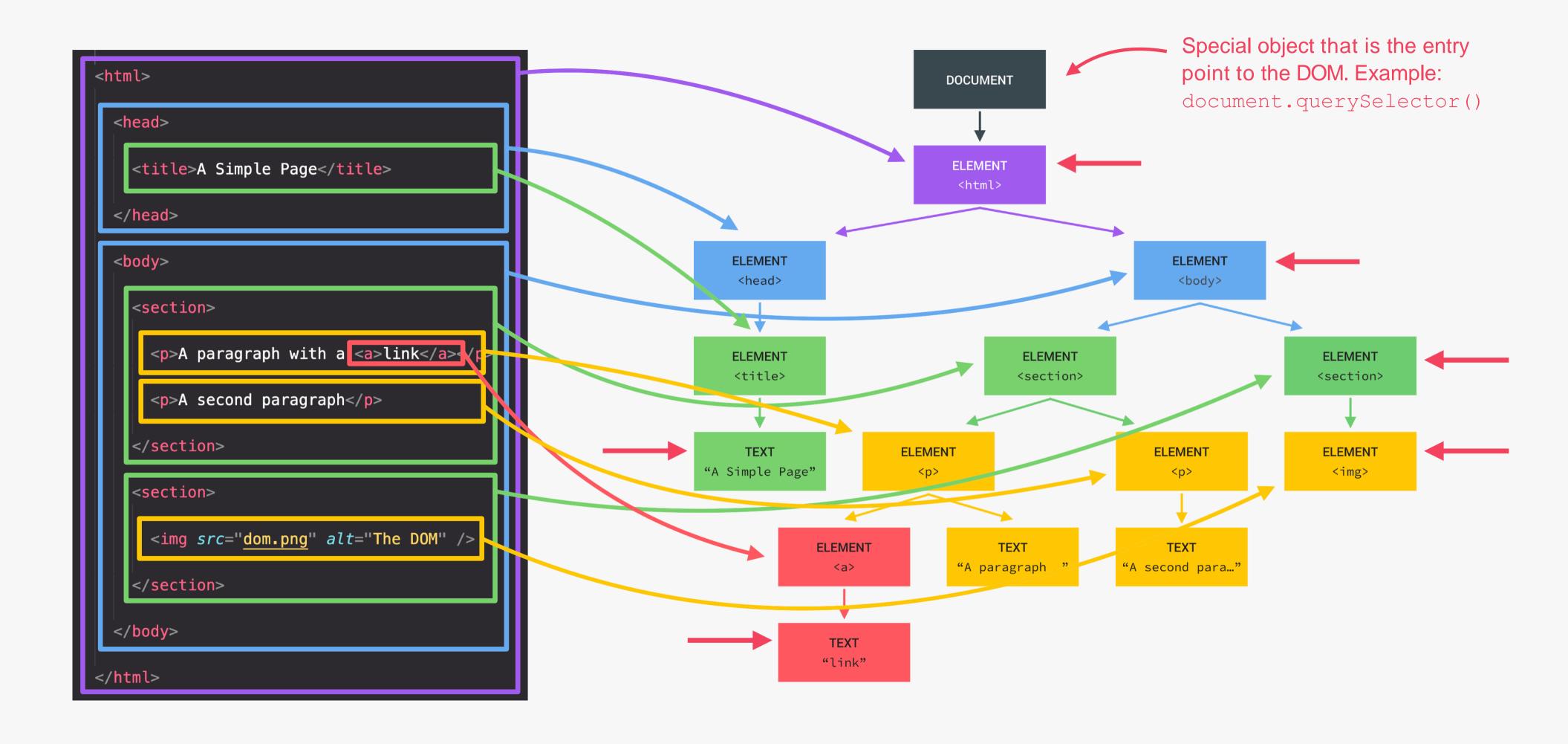
DOM

DOCUMENT OBJECT MODEL: STRUCTURED
REPRESENTATION OF HTML DOCUMENTS. ALLOWS
JAVASCRIPT TO ACCESS HTML ELEMENTS AND
STYLES TO MANIPULATE THEM.

Change text, HTML attributes, and even CSS styles



THEDOM TREE STRUCTURE



DOM ! == JAVASCRIPT



