

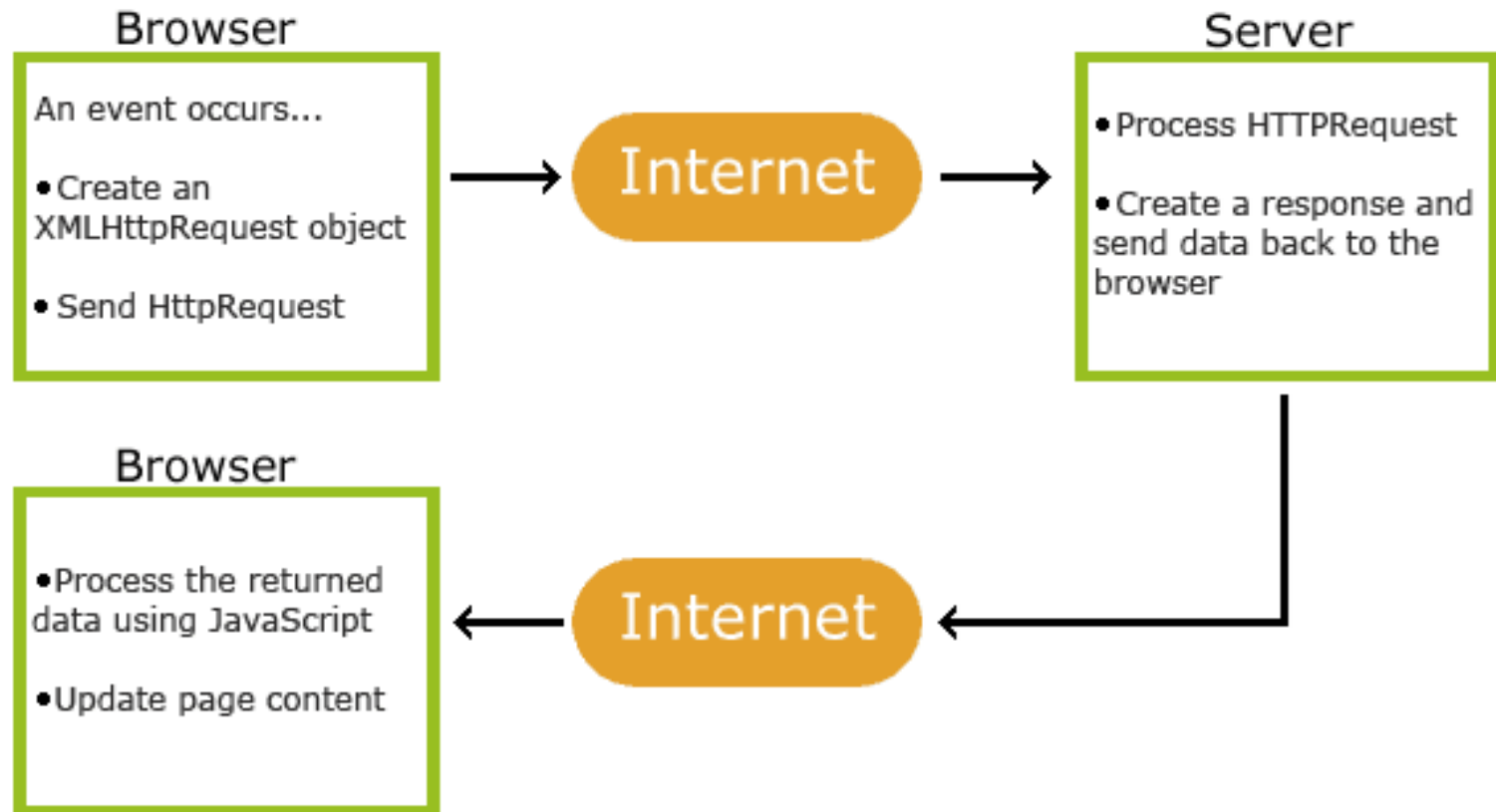
# **AJAX & Fetch API**

**Getting/Sending data the JS way**

# AJAX

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- Stands for Asynchronous Javascript and XML
- Web dev technique used for updating your page with information from a server without reloading it
- The XML part of AJAX is there because traditionally, the data sent across networks use XML as a format
  - Remember SOAP
- But you can now send data in JSON format (yay)



**Big Picture**

# XMLHttpRequest

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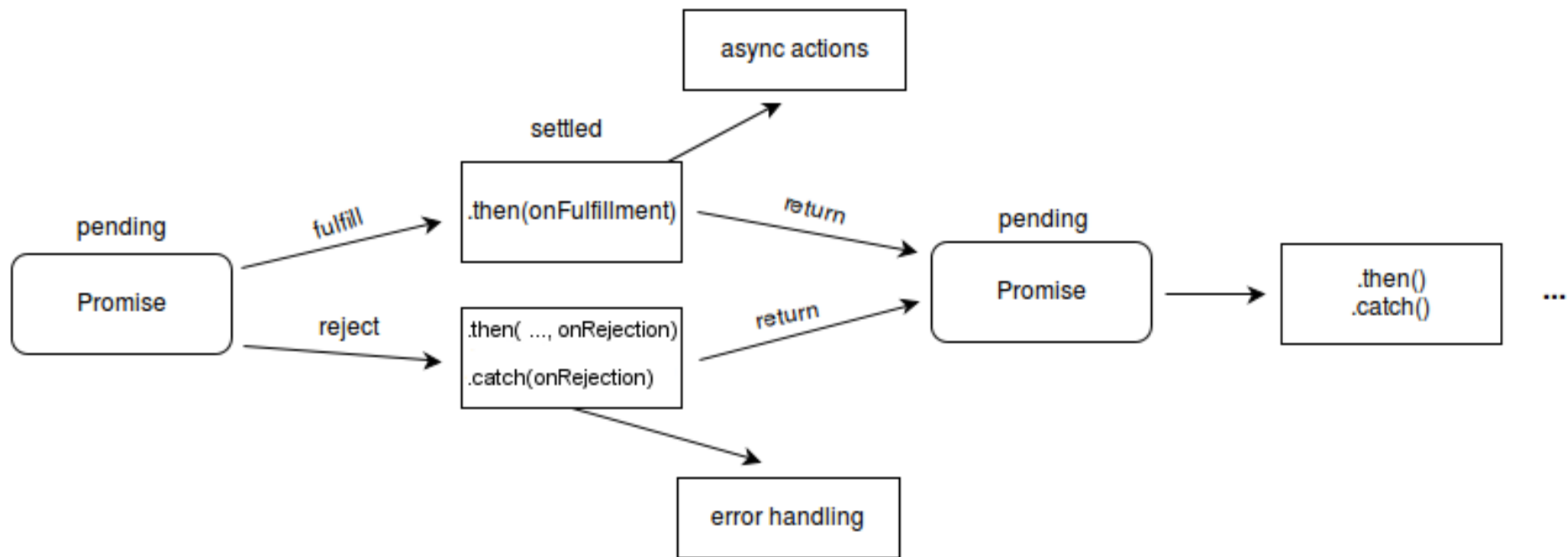
- Main actor of AJAX
- Object that is used to send a request to the server and receive the response
  - Again the XML in its name is for traditional reasons

# Applying AJAX

# Fetch API

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- JS interface for making http requests and processing server responses
- Uses **promises** to achieve asynchronicity
  - Promises represent the eventual completion (or failure) of an asynchronous operation and its resulting value
  - Promises are objects in JS



## Promises

# Using the Fetch API



# Resources

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- [Fetch API](#)
- [AJAX](#)
- [Promises](#)