

Sample Interview Questions

Following is a list of technical interview questions by topic, arranged from easy to hard. This is not by any means a comprehensive list, but should give you an idea of the range of topics you can expect based on the job you are interviewing for. This is also intended for a relatively inexperienced hire candidate and not for a higher level position.

Simple Factual Questions

- What data structure underlies a Python list?
- What port does HTTP use?

Explain a Real-World System

- How does DNS work?
- When you type "google.com" into your address bar and press enter, what happens?
- How does virtual memory work?

Database Questions

- Given some application and desired functionality, how would you lay out the schema?
- Given this schema, write a query to retrieve x
- How could you make this query run faster?

Unix Tools Questions

- Write a command to find all occurrences of a string for all files in a directory
- Given standard Apache access logs, write a command to find the number of unique IPs that hit your web server in the last week

Tedious Programming Questions

- Given an integer, write a function to print it out in words (e.g. given 342, print "three-hundred forty-two")
- Given an amount charged and cash tendered, write a function to make change using the fewest number of bills/coins possible

To view the complete list of questions, click the link below

[Programming Interview Questions on Quora](#)