

Angular JS



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1. Introduction of Angular Js

- A. What is Angular Js
- B. Use of Angular JS

2. MVC Architecture

- A. Model
- B. View
- C. Controller

3. Conceptual Overview

4. Angular Js Directives (Inbuilt)

- A. ng-app
- B. ng-init
- C. ng-bind
- D. ng-model
- E. ng-controller
- F. ng-cloak
- G. ng-disabled

5. Setting up the Environment

6. First Application

7. Understanding module, controller, \$scope

8. Data Binding in Angular Js



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9. Types of Data Binding

- A. One Way Data Binding
- B. Two Way Data Binding
- C. One time Data Binding

10. Digest Cycle and Dirty Checking Process

11. Use of `$watch()` and `$apply()`

12. Bootstrapping Process

- A. Auto Bootstrap Process
- B. Manual Bootstrap Process

13. Controllers

- A. Nested Controllers
- B. Multiple Controllers and their Scopes

14. Programming controllers & `$scope` object

15. Scope Hierarchies - `$rootScope` & `$scope`

16. Adding behavior to a scope object (Method, Array, Object, Property)

17. `ng-repeat`, nested `ng-repeat`

18. `ng-if`, `ng-show`, `ng-hide`



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19.Filters

- A. Types of inbuilt filter
- B. Custom Filter

20.Validation

- A. ng-valid
- B. ng-invalid
- C. ng-dirty
- D. ng-pristine
- E. ng-touched
- F. ng-untouched

21.Services

- A. Factory
- B. Services
- C. Provider

22.Inbuilt Services

- A. \$http
- B. \$location
- C. \$log
- D. \$timeout
- E. \$interval

23.Ajax and Communication From Server via http service

24.Fetch data from JSON file

25.Scope Event Propagation or Communication between Controllers via

- A. \$on
- B. \$Emit
- C. \$Broadcast



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26. Custom Directive

- A. Template
- B. templateUrl,
- C. Restrict Keyword in custom directive
- D. Link Function

27. Scope of Directive

- A. Shared
- B. Inherited
- C. Isolated

28. Routing and view

29. CRUD Operation

30. Simple SPA

31. Interview Questions



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