

- 1) What is the current version of Ruby you are using?
- 2) What is the current version of Rails you are using?
- 3) Advantages of using Ruby or Ruby On Rails compared to other languages and frameworks?
- 4) Explain the directory structure of Rails framework?
- 5) Explain MVC architecture ?
- 6) Where do you configure the database for your Rails app?
- 7) Where do u configure the basic configuration for your app?
- 8) What are the different environments which Rails supports?
- 9) What are the basic components of Rails framework?
- 10) What is the difference between the three environments of the Rails framework?
- 11) Where do you configure the required gems for your app?
- 12) What are ruby gems?
- 13) what are plugins?
- 14) What are the plugins used by you in your experience and explain?
- 15) What are controllers?
- 16) What are models?
- 17) What are views?
- 18) Where do you specify layouts or layout for your app?
- 19) What is the purpose of the /lib directory in Rails?
- 20) How to include javascript files in your view?
- 21) How to include CSS files in your view?
- 22) How to escape HTML in a view?
- 23) What are partials?
- 24) What is the difference between a partial and a template?
- 25) What are helpers?
- 26) What is the purpose of application controller?
- 27) I have a piece of code which should be accessed by all the controller file in the app , where do I WRITE it?
- 28) How are local , global, class , instance variables declared in ruby?
- 29) What are ruby blocks?
- 30) What are ruby closures?
- 31) What is the difference between blocks and closures in ruby?
- 32) What are ranges in ruby?
- 33) What are the different iterators available in ruby?
- 34) What is ActiveRecord?
- 35) How do you define setters and getters in ruby?
- 36) Does ruby support multiple inheritance?
- 37) What are Modules , mixins in ruby?
- 38) What is the difference between "require" , "load" and "include" ?
- 39) Does ruby have exceptional handling?, if so how ?
- 40) What are migrations in rails? how do you create a new migration?
- 41) What is the purpose of "find" in rails?
- 42) What are filters in rails?
- 43) what are the types of filters in rails?
- 44) What is the difference between inline and around filters in rails?
- 45) How do you specify a specific layout for a particular controller action?

- 46) What are the different access specifiers for methods in **ruby** ?.  
What is the differences between them?
- 47) What are associations in rails?
- 48) What is the difference between has\_many association has\_many :through association
- 49) What are polymorphic associations? Give an example.
- 50) what is STI? Give an example.
- 51) Where do you use counter\_sql, finder\_sql of activerecord?
- 52) What is REST? Explain
- 53) What are RESTFUL routes in rails?
- 54) What is the purpose of routing in rails?
- 55) What is the significance of map.resources in routes.rb file?
- 56) What is the proxy server you use for deployment?
- 57) How many mongrel instances do you use in your cluster?
- 58) What is cap deploy in rails?
- 59) What is the difference between == and === operators in **ruby**?
- 60) How do you override methods of superclass in **ruby**?
- 61) How do you overload methods in **ruby**?
- 62) Explain testing framework in rails?
- 63) Explain RJS?
- 64) How do you overcome sql injection in rails?
- 65) How do you send email in rails?
- 66) Where and how do you configure mail server settings or SMTP settings for sending emails in rails.
- 67) How do you set layout for an email template?
- 67) What is the difference between render :action => and redirect
- 68) What are helpers in Rails and why do you use them?

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1. Explain in detail about "Asset pipeline" and how do you do it in rails?
2. What is "Bundler" ? Explain the concept of bundler
3. How to convert block into Proc
4. What are named routes ? How do you use them in "views"
5. How to write "custom web-services"
6. Without looping through the collection , how do you display list of items
7. What is different between "find" and "where"
8. Suppose there is a SQL query which is not achievable by ActiveRecord or ActiveModels how do you execute that query
9. How do you identify AJAX request in HTTP(executable) request
10. Write a small example code for AJAX request made to the server with query
11. What is AJAX (Asynchronous Call)
12. How to connect multi-databases in Rails with example
13. Suppose table name in rails is "Person\_table", thus creating model & querying on it will work.? How do you make it work..??
14. In associations the "foreign\_key" is different i.e. it deviates from the convention of rails as "personid" not "person\_id", how do you tell the association the right foreign key??

15. Suppose there is a form consisting of two model attributes i.e. user, product, company etc in a form then How do you validate the associated model fields??
16. how do you write migration for databases which are not supported by rails
17. How do you use "login" in rails ? How many types of methods are there ?
18. How do you do internalisation I18N in rails?
19. suppose there is the table named fish, how do you tell rails to use the table (or) if the table name is abcdef then how do you specify singular or plural?
20. which is the first file called when rails is started ?
21. how to store sessions in database?
22. Explain field\_for
23. Explain accepts\_nested\_attributes\_for
24. what is difference between collect and select ?
25. how do you validate uniqueness of a record by two column ?
26. Explain unAbstrusive javascript in rails ?
27. what is 1/0
28. how do you do exception handling in ruby & how do you create custom exceptions in ruby ?
29. how do you submit forms remotely in rails?
30. what is duck typing in ruby with example ?

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