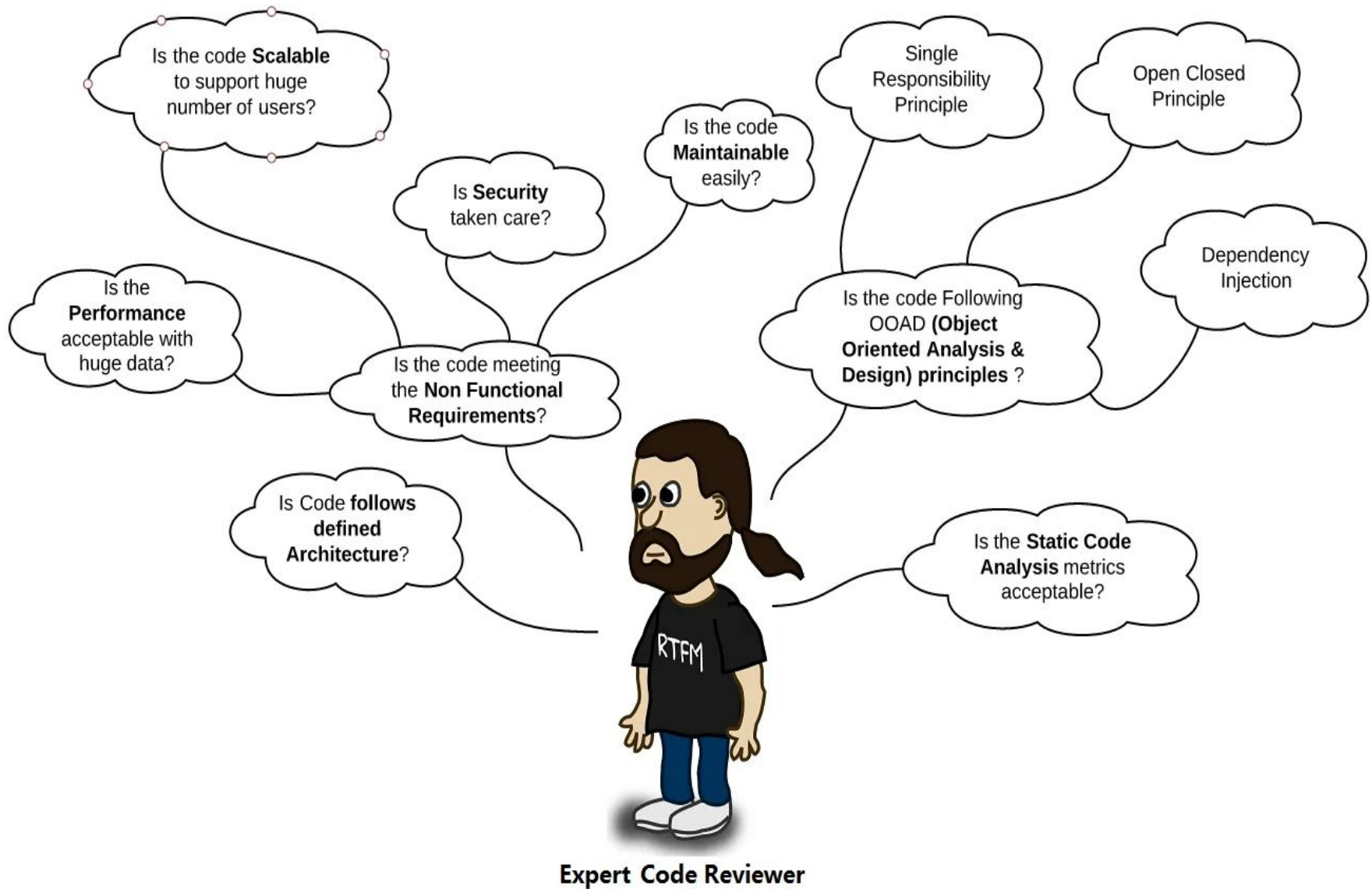


Basic Code Reviewer



While reviewing the code, ask yourself the following basic questions:

1. Am I able to understand the code easily?
2. Is the code written following the coding standards/guidelines?
3. Is the same code duplicated more than twice?
4. Can I debug the code easily to find the root cause?
5. Is this function or class too big? If yes, is the function or class having too many responsibilities?

If you feel that the answer is not satisfactory to any of the above questions, then you can suggest/recommend code changes.

You can create your own checklist or many checklists are available online. I believe the below checklist is good enough for you to get started with the review process.

Reviewing comments and coding conventions:

No.	Check conditions	Remarks
1.	Does the code respect the project coding conventions?	
2.	Are the variable declarations properly commented?	
3.	Are all functions, methods and classes documented?	
4.	Are the functions/methods/classes really doing what the documentation says?	
5.	Are function parameters used for input and output defined and documented in the function header?	
6.	Are complex algorithms and code optimizations adequately commented?	
7.	Does commented out code have an explanation?	
8.	Are comments used to show missing or yet to be implemented functionality?	
9.	Is the modification Log up to date?	
10.	Are the comment blocks consistent and of same size?	

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7.	Does commented out code have an explanation?	
8.	Are comments used to show missing or yet to be implemented functionality?	
9.	Is the modification Log up to date?	
10.	Are the comment blocks consistent and of same size?	

Reviewing Control Structures:

No.	Check conditions	Remarks
1.	Are loop ending conditions accurate?	
2.	Does the code contain any loops which may become unintended infinite loops?	
3.	Are 'if' statements used where 'if-else' can be used?	
4.	Is assignment ('=') operator used within an 'if' condition instead of equality ('==') operator?	
5.	Does operator precedence make code behave differently than what it is intended to be?	