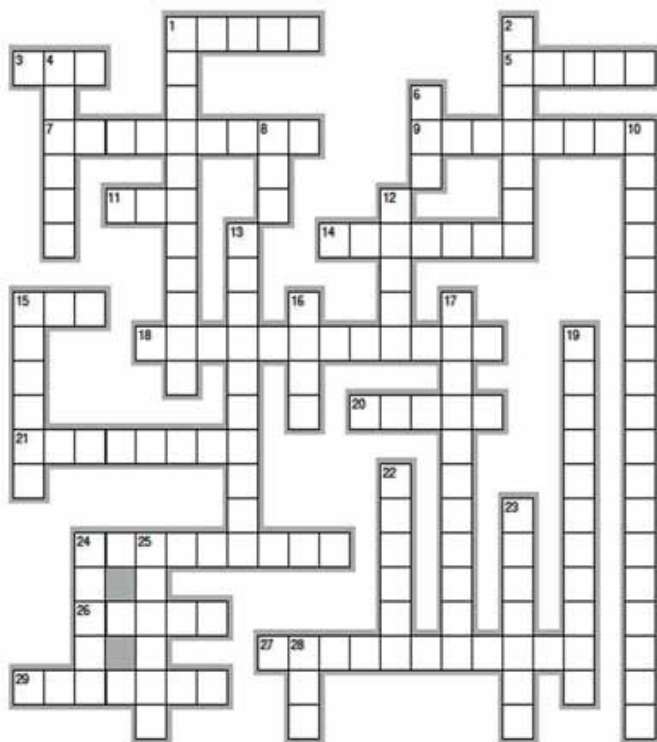


Crossword »

Test your Knowledge on Software Development

Solution to the crossword with name of first all correct solution provider(s) will appear in the next issue. Send your answers to CSI Communications at email address csic@csi-india.org with subject: Crossword Solution - CSIC August 2014



CLUES

ACROSS

1. Type of test with a representative subset of the test cases (5)
3. Type of diagram showing database design in terms of entity and relationship (3)
5. An agile methodology for software project management (5)
7. A software development lifecycle (9)
9. A point at which some deliverable produced is put under formal change control (8)
11. A standardized general-purpose modeling language (3)
14. A sequence of transactions in a dialogue between an actor and a component or system (3, 4)
15. Type of diagram showing data flow in a system (3)
18. Tests to ensure correctness (12)
20. Type of chart popularly used in project management (5)
21. A mutually binding agreement (8)
24. A minimal part of software that can be tested in isolation (9)
26. A type of role played by an entity (5)
27. Creation of a mock-up of an application (11)
29. A set of activities that attempt to find errors (7)

DOWN

1. An evolutionary software engineering paradigm (6, 5)
2. OMG adopted standard for kernel and language for Software Engineering methods (7)
4. Work performed to modify a baselined work product (6)
6. A hierarchical decomposition of the work activities in a software project (3)
8. Lines of code (3)
10. A software engineering methodology used within agile software (7, 11)
12. Software Engineering Method and Theory (5)
13. Tests to ensure that the software conforms to its requirements (10)
15. A flaw in a part or system causing to fail to perform the required function (6)
16. An uncertain event or condition (4)
17. Ability to transport software from one target environment to another (11)
19. A step-by-step presentation by the author of an artifact for knowledge sharing (11)
22. A software estimation technique (6)
23. Satisfaction of customer criteria, conformance to design specifications (7)
24. A container encapsulating attributes and operations (5)
25. Term used for measurement (6)
28. A proprietary adaptable iterative software development process framework (3)

Did you know when was the term "software engineering" coined?



The term "software engineering" was coined in 1968, in the NATO Conference on Software Engineering by F.L. Bauer of the Technological University of Munich. Edsger W Dijkstra, the famous Dutch computer scientist, welcomed this coining as design of software systems was an activity par excellence for the mathematical engineer. (More details can be found in Dijkstra's article in <http://www.cs.utexas.edu/users/EWD/transcriptions/EWD11xx/EWD1165.html>)



We are sorry for inadvertent mistake in missing 11 (across) in the puzzle printed in CSIC, July 2014, this prevented our enthusiastic readers to send us solutions

Our sincere apologies!

However, we got our mistake pointed out by two enthusiastic readers, our earnest thanks to them!

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Solution to July 2014 crossword

