

CRC Cards



Use Class, Responsibilities, and Collaboration (CRC) Cards to design the system as a team. The biggest value of CRC cards is to allow people to break away from the procedural mode of thought and more fully appreciate object technology. CRC Cards allow entire project teams to contribute to the design. The more people who can help design the system the greater the number of good ideas incorporated.

Individual CRC Cards are used to represent objects. The class of the object can be written at the top of the card, responsibilities listed down the left side, collaborating classes are listed to the right of each responsibilities listed down the left side, collaborating classes are listed to the right of each responsibilities listed down the left side, collaborating classes are listed to the right of each responsibility. We say "can be written" because once a CRC session is in full swing participants usually only need a few cards written out in full. A short example is shown as part of the coffee maker problem.

A CRC session proceeds with someons simulating the system by talking about which objects send messages to other objects. By stepping through the process weaknesses and problems are easily uncovered. Design alternatives can be explored quickly by simulating the design being proposed. If you find too many people speaking and moving cards at once then simply limit the number.

the number







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