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## **Decision Support**

- ES system developers have problems
  - the knowledge elicitation bottleneck
  - decision support is dynamic
  - systems require constant maintenance
  - systems must be accepted
  - advice must be justified
- CBR addresses each of these problems

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3. If needed <u>revise</u> the solution to generate a new better solution

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## The CBR-cycle

- <u>Review</u> the new solution was it better?
  Retain the new solution (and the original
- problem description) in the case-base Periodically maintain the case-base and
- refine it by editing & deleting cases, fine tuning similarity metrics and feature weightings etc....

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