Evolution with constraints

May 2020, É. Vareilles

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Agenda

1. Reminder on evolutionary algorithms
2. Introduction to constraint programming
3. Coupling both approaches

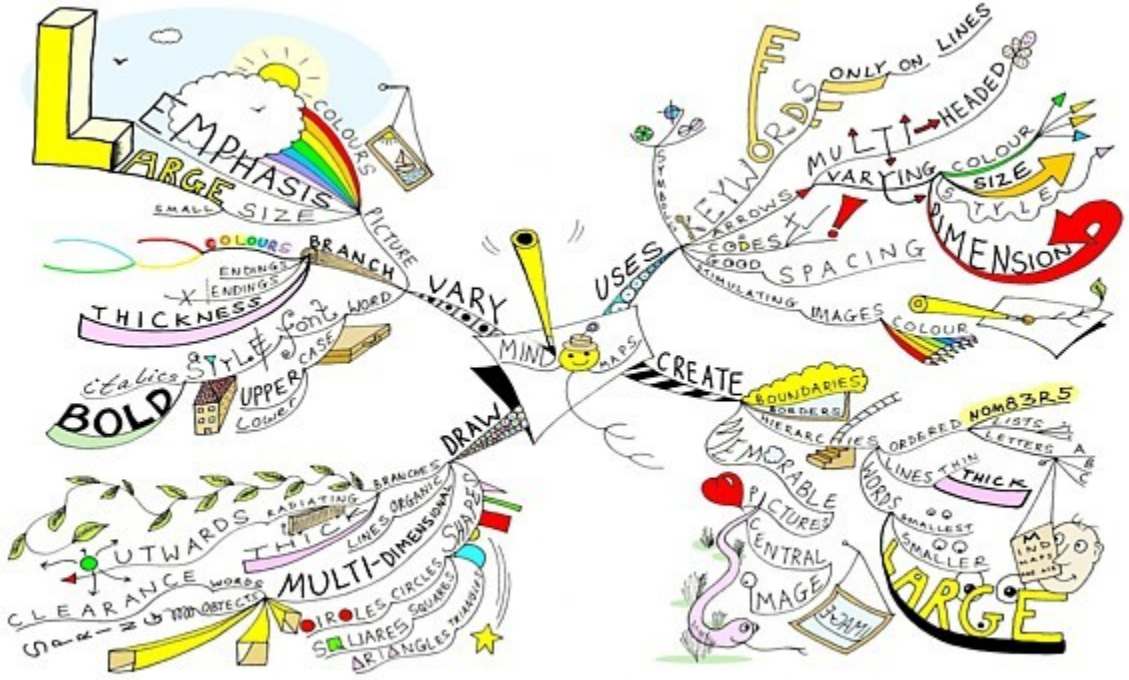
Evolution with constraints

Acquired abilities:

- Be familiar with the SPEA2 algorithm
- Be familiar with constraint programming
- Stepping back from AI approaches
- Analyze the combination of these approaches

Evolution with constraints

Course completion: A mind map presenting the key points of the course in a synthetic, structured and pedagogical way



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Due date : two weeks.

Evolution with constraints

Teacher: Pr. Élise Vareilles, DISC

2005 - PhD
‘*Constraint-based design: contribution to the development of an interactive support tool*’

2015 - Accredition to conduct researchs
‘*Interactive Configuration and Constraints: Knowledge, Filtering Methods and Extensions*’

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