

Modelling process – four steps

Extracted from :

International Environmental Modelling and Software Society IEMSS 2004 International Conference

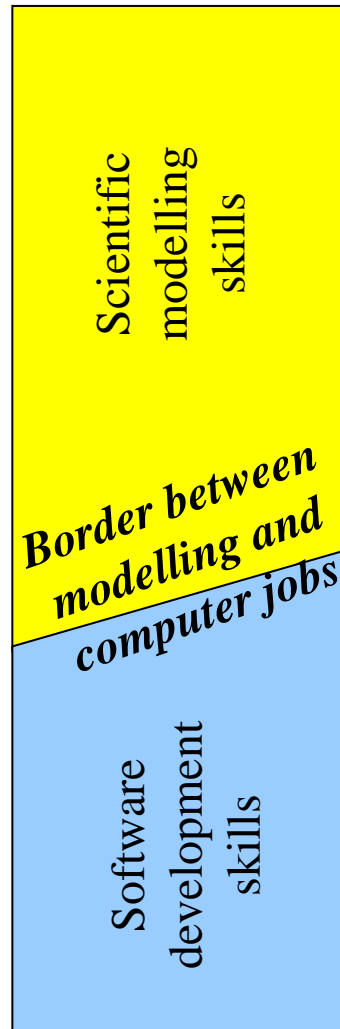
<http://www.iemss.org/iemss2004> :

« DIVA : An Iterative Method for Building Modular Integrated Models »

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Modelling process – four steps



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Ontology

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Mathematical problem

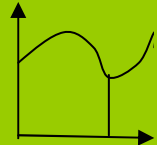
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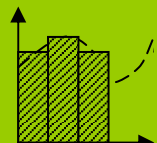
Algorithm

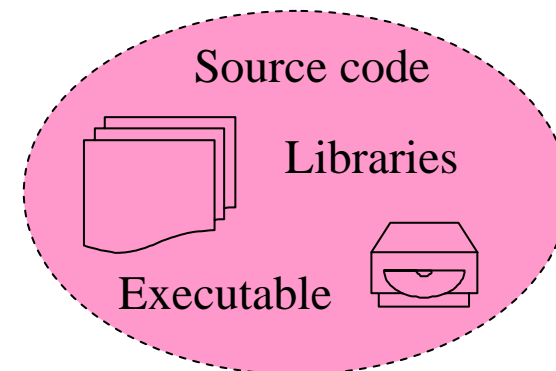
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Computer model

Sowing date depends on climatic parameters. Rapeseed pollen concentration decreases according to a leptokurtic curve.

$$Y = \int_a^x f$$


$$Y_n = \sum_a^{n-1} \dots$$




Textual form

Software form