

## **AEC** specifics

Topic 2: Fundamentals of programming

BIM A+3: Parametric Modelling in BIM

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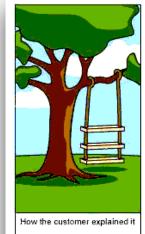


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#### How project really work











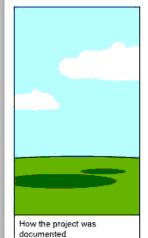


How the Project Leader understood it

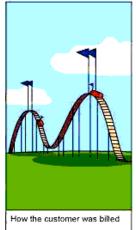
How the Analyst designed it

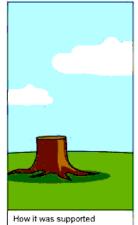
How the Programmer wrote it

How the Business Consultant described it









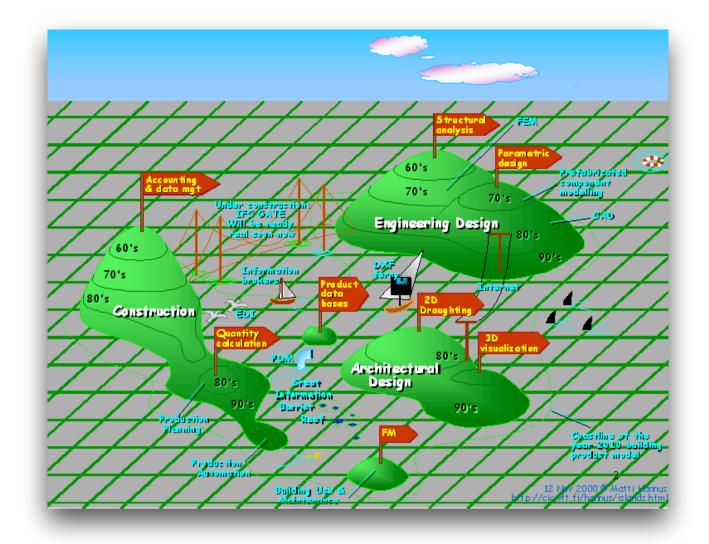


What the customer really needed

Project Management Humor from CVR/IT Consulting, http://www.cvr-it.com/PM\_Jokes.htm

#### **AEC** industry landscape

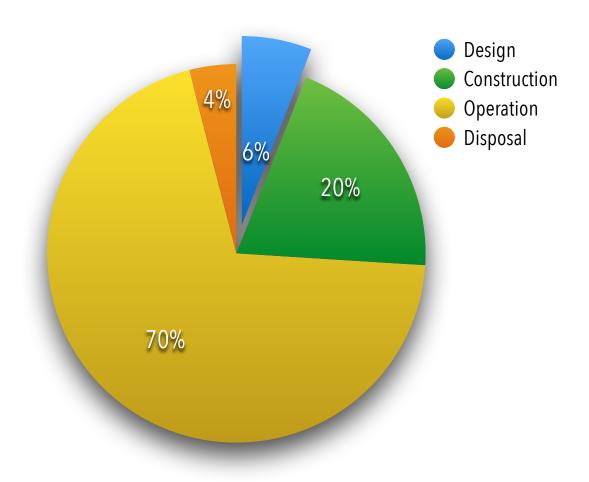




M. Hannus, H. Penttila, P. Silen, "Islands of Automation", (1987 - updated by Hannus, M. 2002), http://cic.vtt.fi/hannus/islands.html

#### **Cost of ownership**

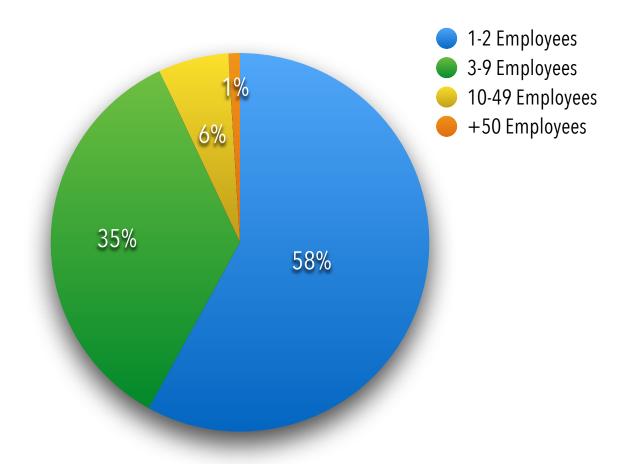




The Building Information Model: A Look at Graphisoft Virtual Building Concept, Cyon Research White Paper, January 2, 2003

#### **AEC** fragmentation





Pazlar, T., Dolenc, M. in Duhovnik, J. 2004.

Rezultati raziskave prodAEC o rabi informacijskih tehnologij v arhitekturi, inženirstvu in gradbeništvu v Sloveniji. Gradb. vestn. 53, 9: 223–229.



# Managing ITC Infrastructure

No time

Limited knowledge

Constrained resources





## One-of-a-kind

products

process

group of partners



### AEC specificts on a page



