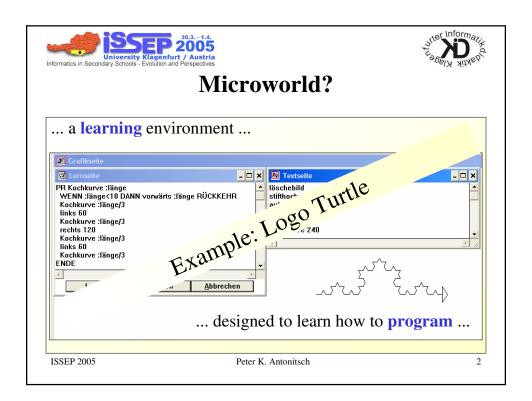


Standard Software as Microworld?

Peter K. Antonitsch Universität Klagenfurt Peter.Antonitsch@uni-klu.ac.at









Programming?

... stands for

- problem solving
 - structured decomposition and recomposition
 - formalization
 - automation
- \Rightarrow (representative for)

fundamental concepts of informatics

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Microworld!

(re-) definition:

A Microworld should be understood as an

adaptable "learning-cosmos"

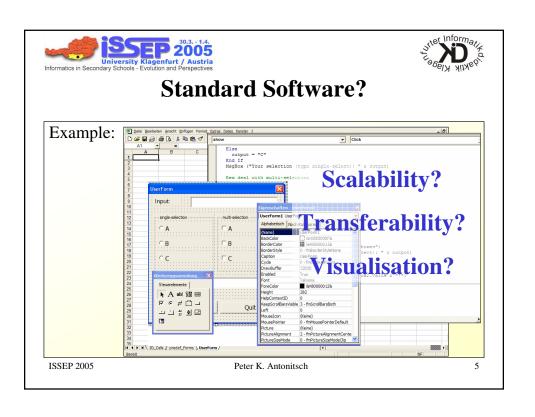
that is consistent to the learners and stands out for

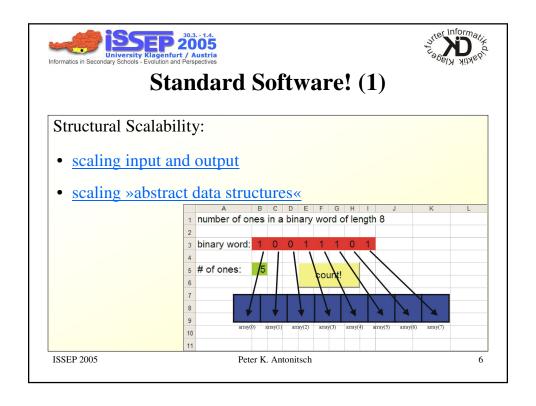
- Scalability
- Transferability
- ability to Visualise

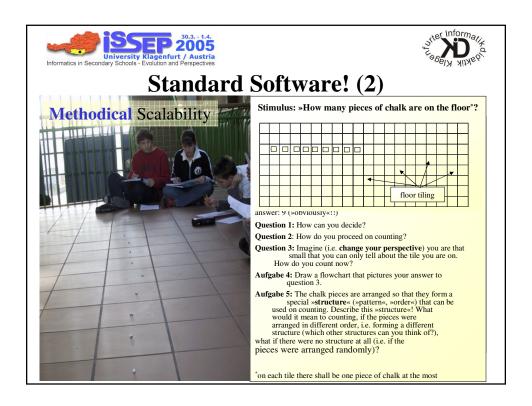
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Standard Software! (3)

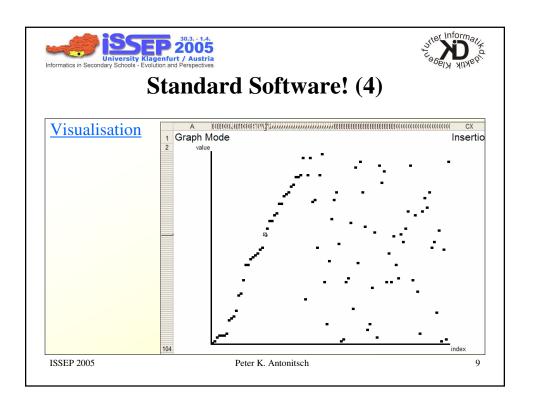
Curricular Scalability:

... i.e. reusability of software-tools

- ... introducing basic (transferable) programming-principles
- ... developing event-triggered programs
- ... getting in touch with objects
- ... using tables as data-sources
- ... solving application-oriented problems

...

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Importance?

The »collection«

- Scalability
- Transferability
- ability to Visualise
- (Applicability)

... might be a step towards a list of criteria being

helpful in deciding the relevance of software-tools

for teaching informatics.

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