



Resource Allocation Algorithm

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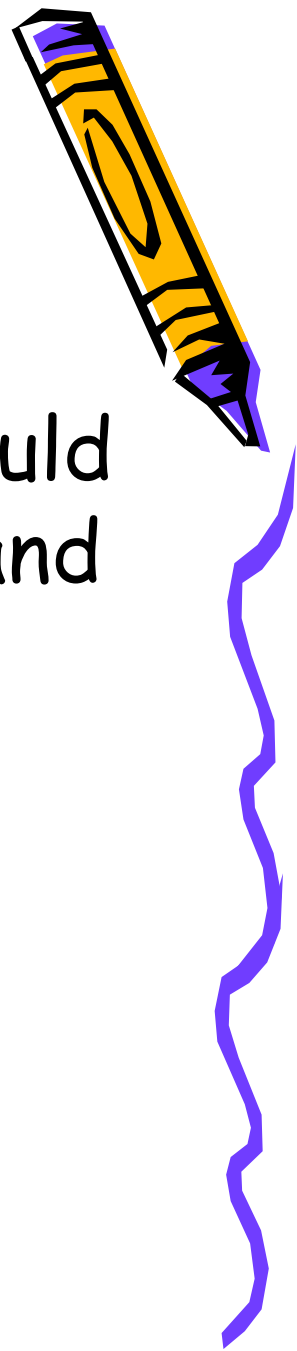
Lecture outline

We will give a presentation about our project. And this is our presentation outline.

- motivation & working reason
- what do we do and how is our design work
- evaluation & test



Our motivation of this project



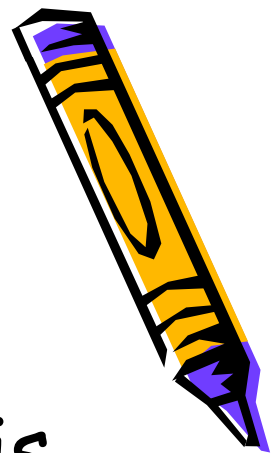
- We try to find a new way which could applied in data-base management and web resource allocation.
- What have people did before us?
 - stochastic



Why we doing this?

Data-base and web source's growth is extremely fast.

We try to find a new way for data management which could also applied in web source searching.



What do we do in this project?



- We try to make a combination of multilevel technique and K-clustering.
 - What is multilevel technique?
 - What is K-clustering?
- * What is stochastic?



How this combination work?



- As we assumed in our project this combination work should work in the following steps.
 - Use multilevel techniques to cluster data objects.
 - Evaluate each subset
 - take what we want and drop what we don't need



Evaluation and testing

- In our project we use 1000 random data as our operation object.
- We program our algorithm by Java
- Our algorithm

We use solution of knapsack problem in our algorithm work.

