ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Distributed Computing

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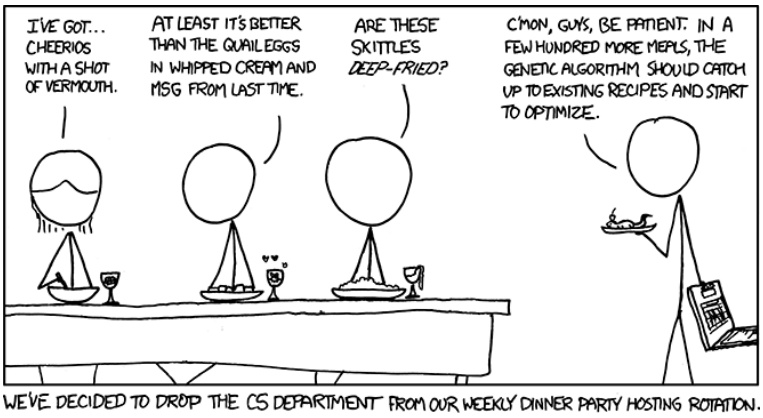
BA/SA/Group/Lab:

Smart Recipes

The recording and sharing of cooking recipes is a well known and traditional activity among humans. The growing popularity and ubiquity of the Internet has given people the opportunity to publish and share recipes online.



A vastly growing number of websites, blogs and services currently offer millions of recipes created by users whose qualifications range from professional chefs to layman cooks.

Instant social sharing of recipes can pass from cook to cook with viral speed. This allows users instant free access to a massive amount of recipes which are additionally ranked by popularity or categorized by their nutritional composition or ethnic background. The format of the recipes vary greatly depending on the service. Most commonly, instructions are displayed using unstructured text, which makes capturing and collecting the contents a non-trivial task.

The goal of this thesis is to collect and analyze cooking recipes and determine their complexity level based on the number of ingredients and the overall composition process. We are additionally interested in finding trends in co-occurrences of ingredients and in developing an ingredient classification scheme. You are welcome and encouraged to bring your own ideas on the subject!

Requirements: Creative thinking and advanced programming skills are advantageous to successfully work on this topic. The student(s) should be able to work independently!

Interested? Please contact me for more details!

Contacts

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