XML

This worksheet on document analysis accompanies the first presentation in the XML collection. It is designed to start the students thinking about how the online document fits together and how they might deconstruct it.

Linked to presentation: an introduction to XML

http://humbox.ac.uk/3114/

Recipe Worksheet

Three recipes from Delia Smith's online site:

1. Fast-Roast Chicken with Lemon and Tarragon
   http://www.deliaonline.com/recipes/fast-roast-chicken-with-lemon-and-tarragon,1369,RC.html

2. Mini Boeufs en Croûte http://www.deliaonline.com/recipes/mini-boeufs-en-croute,728,RC.html

3. Preserved Ginger Cake with Lemon Icing
   http://www.deliaonline.com/recipes/preserved-ginger-cake-with-lemon-icing,1349,RC.html

Instructions

Imagine you are going to build an XML database of a collection of these recipes. Users of this database might want to search for recipes containing certain ingredients, or requiring certain utensils or even a certain oven temperature. They might want to display or print the recipes in different formats.

1. Carry out a document analysis on recipe 1 (Fast-Roast Chicken), identifying which elements need to be encoded and whether they are optional or repeated.
2. Draw a tree structure of recipe 1, identifying the elements.
3. Examine recipe 2 (Mini Boeufs) and then amend your document analysis and tree structure to include this recipe as well.
4. Examine recipe 3 (Ginger Cake) and then amend your document analysis and tree structure to include this recipe as well.

Please bring the recipes to class next week

³⁵₁₇ Recipe 1

³⁵₁₇ Recipe 2

³⁵₁₇ Recipe 3