

# XML

Recipe worksheet



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Version 1.0

**This worksheet on document analysis accompanies the first presentation in the XML collection.**

*Linked to presentation: Introduction to XML and document analysis  
(<http://ucloer.eprints-hosting.org/id/eprint/6>)*



# 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-crouete,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.*