

# Self-Organizing Recipes Documentation

Watch the recipe data self-organize in a link-nodes diagram. You may choose to explore individual recipes and their relation to each other or individual ingredients. In Recipes view, each recipe is pictured as a separate node. Each recipe is linked to other recipes by the number of shared ingredients. The closer the nodes and clustered, the more ingredients they have in common. Hover a node to see its cuisine of origin as well as its nearest neighbors. Click the node to explore the intersecting ingredients with neighboring nodes. Refresh the data for a new set of randomly chosen recipes from our data set.

In ingredient view the opposite is true. Each node is a specific ingredient, which is now linked to every other ingredient by the number of recipes in which they both appear. Hover each ingredient to see the cuisines in which this ingredient appears. Click the node to explore what ingredients are commonly used together.

This visualization may be filtered to look at data specific to a cuisine. Do this by clicking on the cuisine in the legend. To look at all cuisines again, click "Clear Filters."

Screen Capture:

