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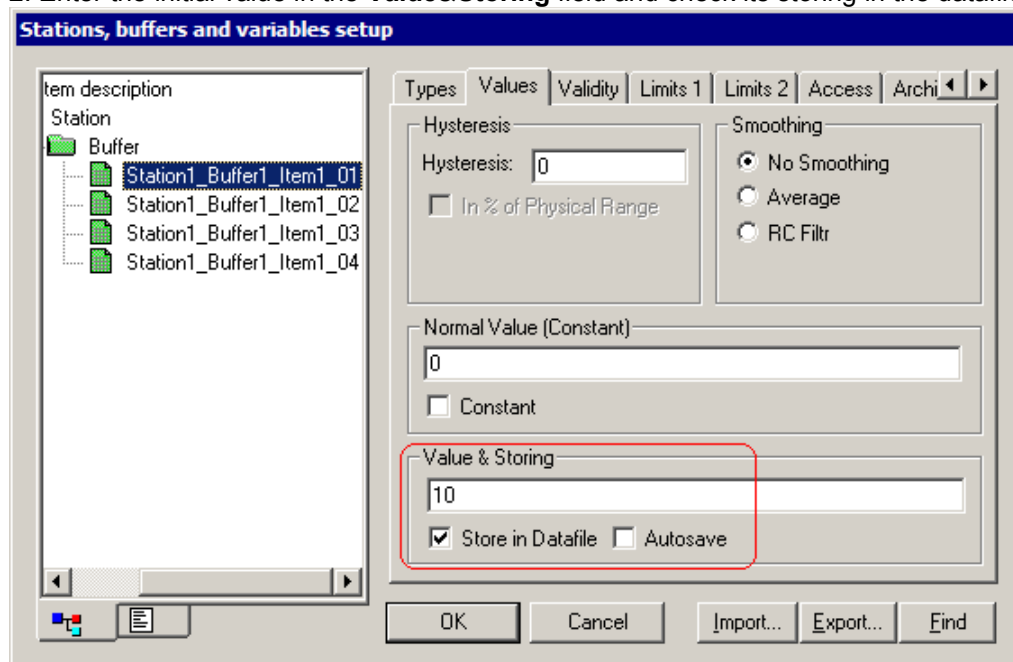
ASPIC 3.30

How to work with Recipes and Variants

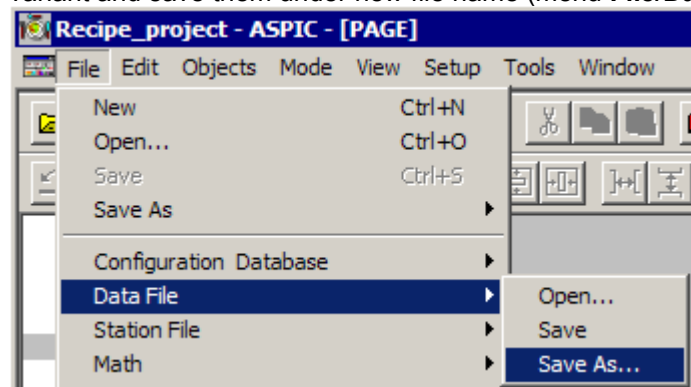
January 2006

How to create individual variants of project

1. Create an Aspic project including configuration of variables.
2. Enter the initial value in the **Value&Storing** field and check its storing in the datafile (.ADF file).



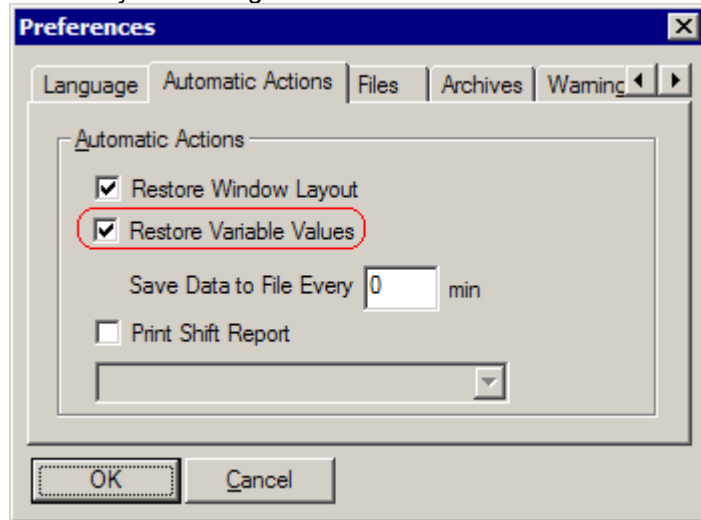
3. Save a project with first variant values, then change values in the **Value&Storing** field for second variant and save them under new file name (menu **File/Data File/Save As...**).



4. Now you have created a project with more variants of initial values (= more ADF files).

Further necessary settings

1. Open the **Preferences** dialog from menu item **Setup/Options...**
2. On the **Automatic Actions** tab put a mark into the field **Restore Variable Values**. This is necessary for loading of variables' values from ADF file during the start of Aspic's visualization.

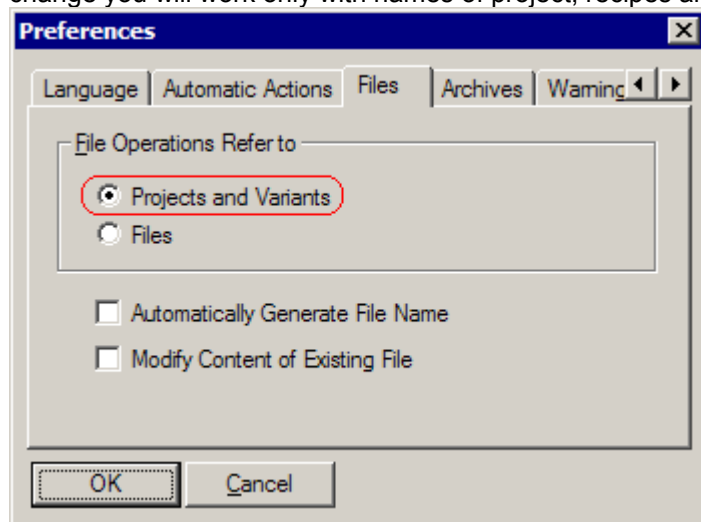


Setup for simple work with individual variants

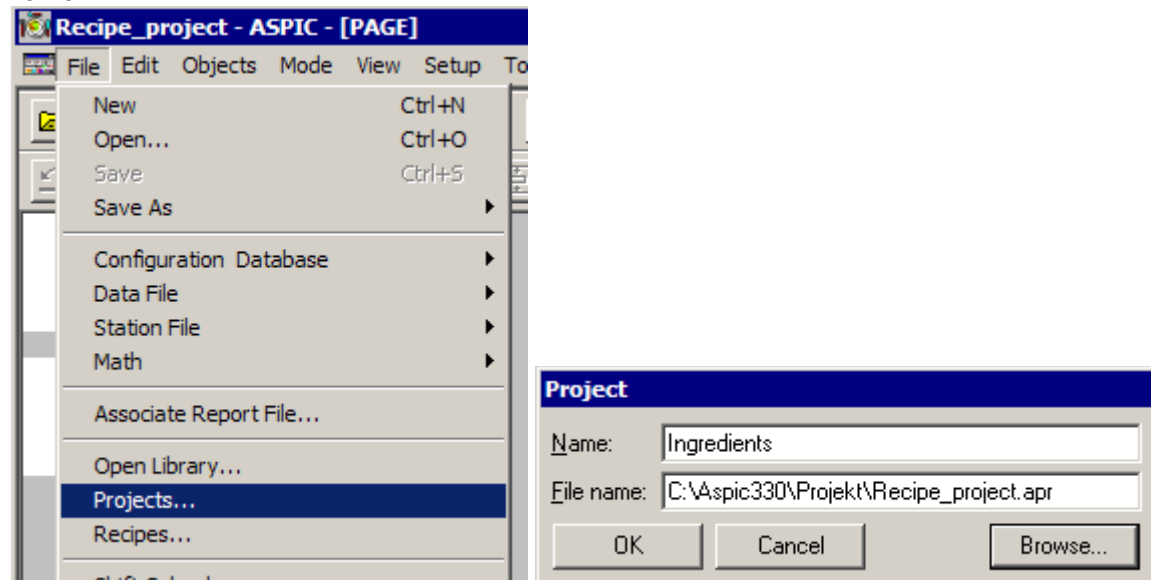
To avoid direct operation with project files or data files, a considerable obstacle for persons unfamiliar with computers, it is a good idea to give these files names familiar to the user.

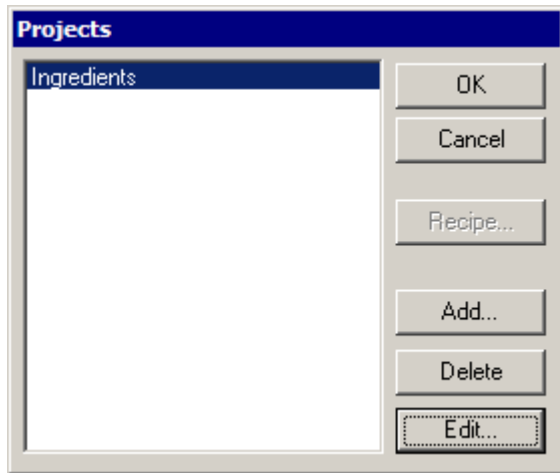
For example, rather than `C:\Aspic330\Projekt\Recipe_project_AB.ADF` and `..\Recipe_project_MP.ADF` filenames you can use variant names, such as "**Ingredients proportions A**" and "**Ingredients proportions B**" names, and rather than `Recipe_project.APR` you can use "**Ingredients**" project name.

1. On the **Files** tab select an option **Projects and Variants**. Till this moment you were in the Aspic working with names of project files (opening and saving of APR, ASF and ADF files). But after this change you will work only with names of project, recipes and variants.

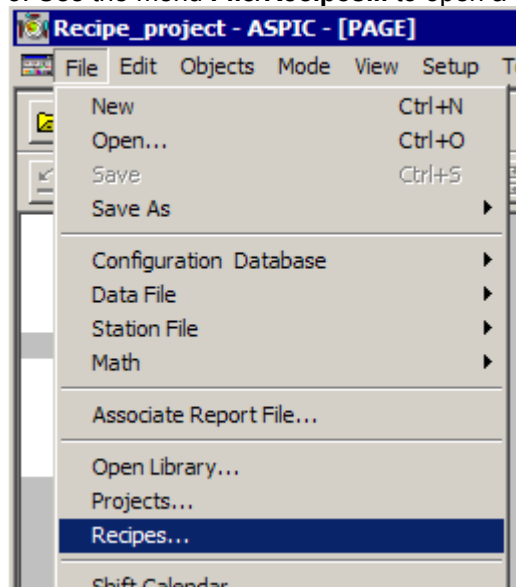


2. Use the menu **File/Projects...** to open a dialog for assign .APR project file to the respective project name.



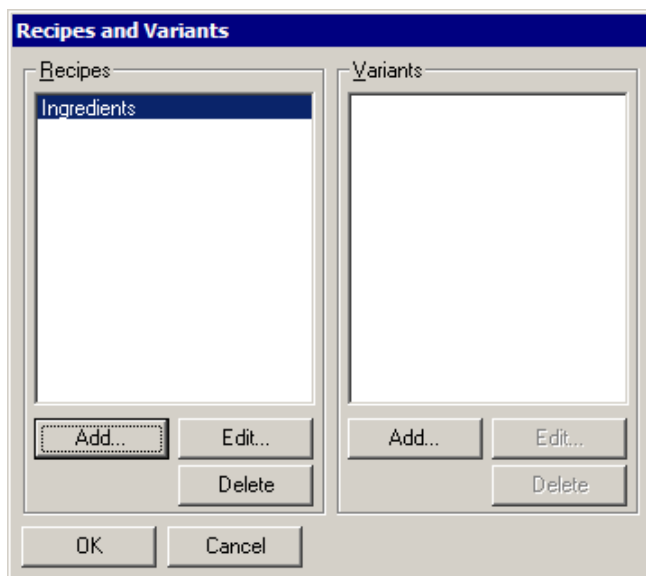


3. Use the menu **File/Recipes...** to open a dialog **Recipes and Variants**.

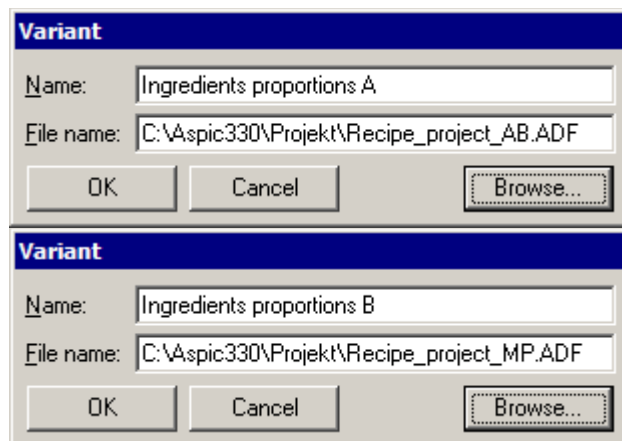


4. In the dialog **Recipes and Variants** it is necessary:

- Firstly **Add** a name of used Recipe (in left part of dialog)

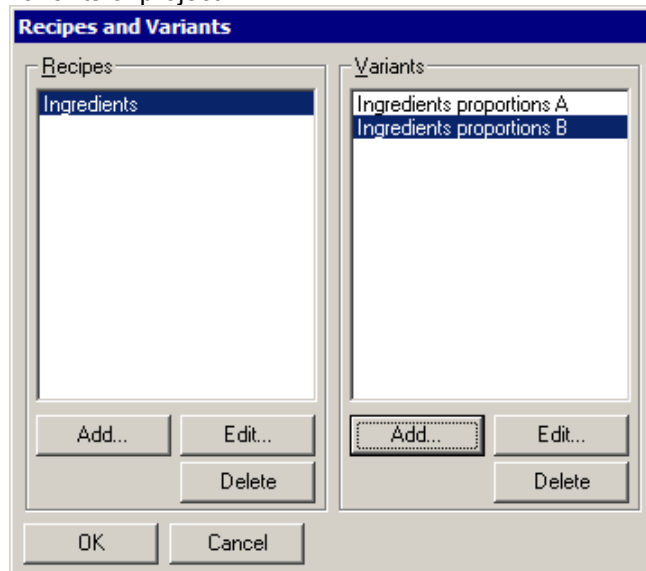


- and then **Add** names of Variants (in right part of dialog) and assign .ADF data files to the respective recipes names.



The image shows two identical 'Variant' dialog boxes stacked vertically. Each dialog has a title bar 'Variant' and two input fields: 'Name:' and 'File name:'. The first dialog has 'Ingredients proportions A' in the Name field and 'C:\Aspic330\Projekt\Recipe_project_AB.ADF' in the File name field. The second dialog has 'Ingredients proportions B' in the Name field and 'C:\Aspic330\Projekt\Recipe_project_MP.ADF' in the File name field. Both dialogs have 'OK', 'Cancel', and 'Browse...' buttons.

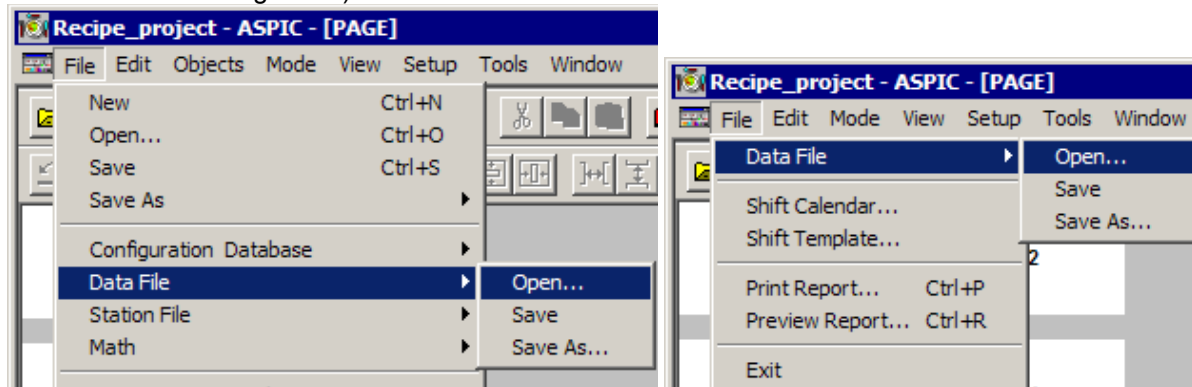
4. Now there in the dialog **Recipes and Variants** have been created logical names of individual variants of project.



The image shows the 'Recipes and Variants' dialog box. It has a title bar 'Recipes and Variants' and two main sections: 'Recipes' and 'Variants'. The 'Recipes' section has a list box containing 'Ingredients' and buttons 'Add...', 'Edit...', and 'Delete'. The 'Variants' section has a list box containing 'Ingredients proportions A' and 'Ingredients proportions B', and buttons 'Add...', 'Edit...', and 'Delete'. At the bottom are 'OK' and 'Cancel' buttons.

Using of individual variants

1. Each time you want to open another variant, use the menu **File/Data File/Open...** (in development and also in monitoring mode).



2. The dialog **Recipes and Variants** opens and you can select appropriate Variant.

