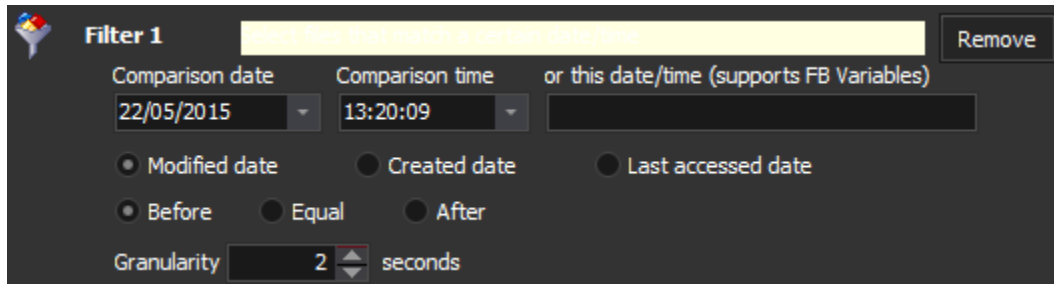


# FileSet Filters

Filters are used to further refine the files chosen by properties other than the file name or directory. For example, you may want to only include files of a certain size, containing particular text, matching particular attributes, or based on date and time (or a combination of all of these). When a pattern finds a file it then passes this file onto each of the filters that have been defined, and only if the file passes through each filter does the file get added to the FileSet.

## Date/Time Filter

The Date/Time Filter allows you to filter the FileSet files based on their modified date, accessed date, or creation date.

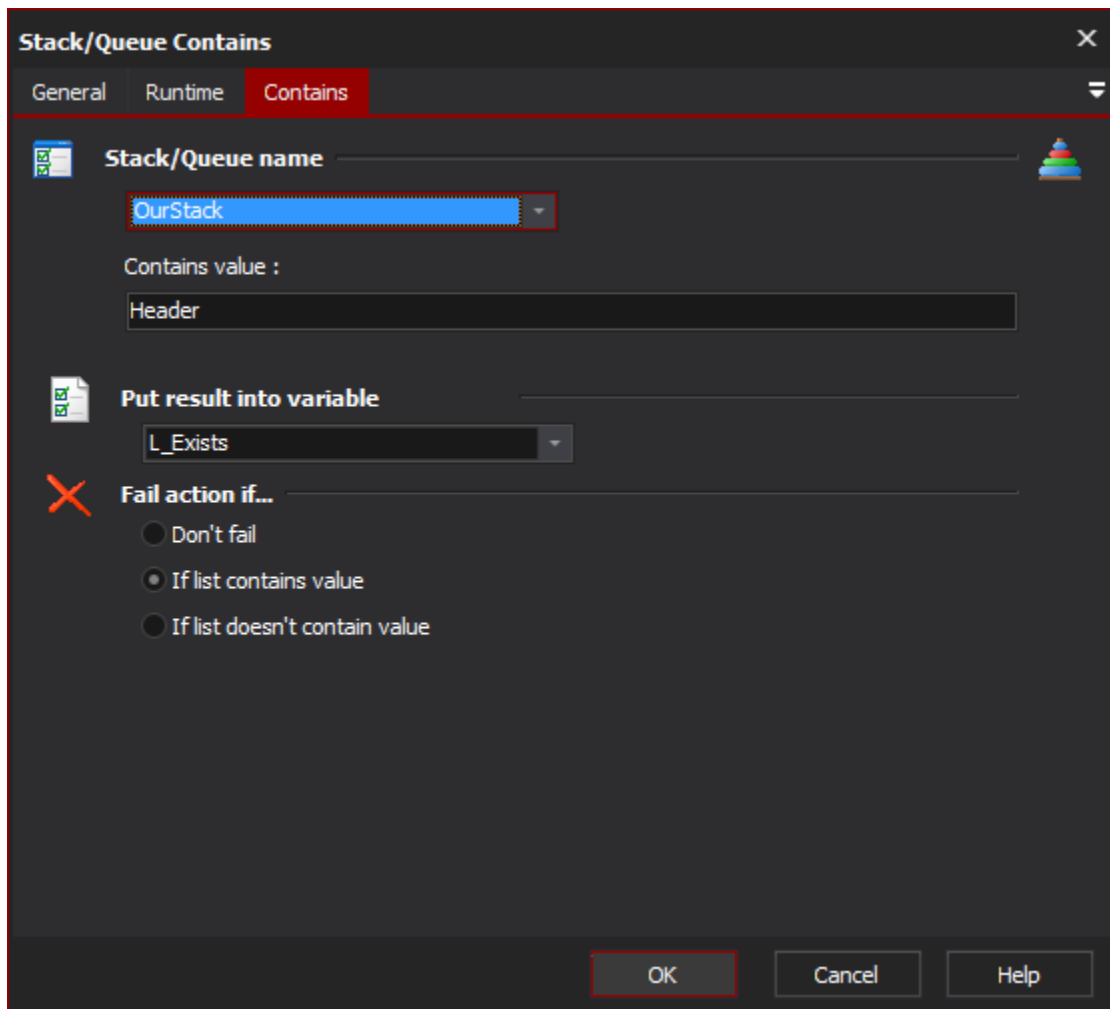


The screenshot shows a configuration window for a filter. At the top, it says "Filter 1" and has a "Remove" button. Below this, there are three input fields: "Comparison date" with the value "22/05/2015", "Comparison time" with the value "13:20:09", and a third field labeled "or this date/time (supports FB Variables)". Below these fields are three radio buttons: "Modified date", "Created date", and "Last accessed date". Underneath the radio buttons are three more radio buttons: "Before", "Equal", and "After". At the bottom, there is a "Granularity" field with the value "2" and the unit "seconds".

This example shows that only files created after 4/2/2006 18:02:19 will be added to the FileSet. The granularity allows slight differences in the time you specify and the time retrieved from the Windows file system - a granularity of 2-5 seconds is recommended.

## Contents Filter

The Contents filter allows you to filter the FileSet files depending if their contents contain certain text. This filter needs to open each file and scan for the text, so the performance of creating the FileSet may be poor, especially if it contains large files.

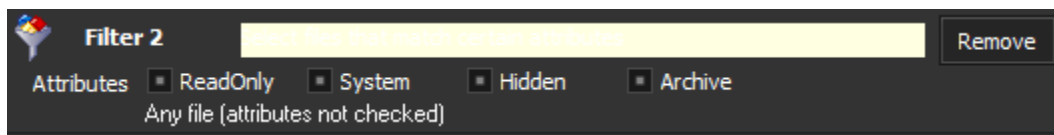


The screenshot shows a configuration window titled "Stack/Queue Contains". It has three tabs: "General", "Runtime", and "Contains", with "Contains" being the active tab. Below the tabs, there is a "Stack/Queue name" field with a dropdown menu showing "OurStack". Below this is a "Contains value :" field with the text "Header". Below that is a "Put result into variable" field with a dropdown menu showing "L\_Exists". At the bottom, there is a "Fail action if..." section with three radio buttons: "Don't fail", "If list contains value", and "If list doesn't contain value". The "If list contains value" radio button is selected. At the very bottom, there are three buttons: "OK", "Cancel", and "Help".

This example shows that only files which contain the text "version 4.0" will be added to the FileSet.

## Attributes Filter

The Attributes filter allows you to filter the FileSet files depending on the file system attributes of the files.



This example shows that files must have the Archive bit set.

## Size Filter

The Size filter allows you to filter the FileSet files depending on the size of the file specified in bytes, MB, KB or GB.

This example shows that only files bigger than 10 MB will be added to the fileset.