



Importing fixed width files

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Goal

This document describes how to access fixed width files.

Content

To access fixed-width files with information in a single row, a [Delimited File data source](#) can be used. In the data source creation screen click on “Use tuple pattern” and define a regular expression in the “Tuple Pattern” field. Note that regular expressions in Denodo use a Java Pattern. When creating the regular expression, external tools like the [regular expression tester for Java](#) can be useful.

Example:

A fixed-width file with information in a single row:

President	Year first inaugura	Political Party
George Washington	1789	None
John Adams	1797	Federalist
Thomas Jefferson	1801	Democratic-Republican
James Madison	1809	Democratic-Republican
James Monroe	1817	Democratic-Republican
John Quincy Adams	1825	Democratic-Republican

This file has three columns. The widths of the first two columns (from left to right) are fixed at 21 char and 19 char. The width of the third column ranges from 1 char to 21 char. So this tuple pattern is used: `(.{21})(.{19})(.{1,21})`

References

[Delimited File Sources](#)

[Regular Expression Tester for Java](#)