

This section defines the data files which specify what instruments are available. The precise definition of the file syntax is provided in Extended Backaus-Naur form in figure 1. It must

- a) begin with a “type” field consisting of **type=** followed by a description of a type which the system knows. This can be a constant, shorthand for one of the default generic types (at the moment: **MIDI**) or a file name (ending in **.ck**). In the case of a file name the system will look for that file in the default directory (**src/**) and attempt to add it to the virtual machine and create an object with the same name as the file (minus the **.ck** suffix).
- b) follow this with 0 or more translation lines.

$\langle file \rangle$	$::= \langle type \rangle \langle linebreak \rangle [\langle translation \rangle \langle linebreak \rangle] +$
$\langle type \rangle$	$::= \text{“type=”} \langle type\ string \rangle \langle linebreak \rangle$
$\langle type\ string \rangle$	$::= \text{“MIDI”}$ $\quad \quad \langle filename \rangle$
$\langle filename \rangle$	$::= \langle name \rangle .ck$
$\langle name \rangle$	$::= \text{“} [a-zA-Z] [a-zA-Z0-9_]* \text{”}$

Figure 1: Data file grammar