

XLS protocol handler

The XLS protocol handler parses and writes Excel-compatible spreadsheets.

Remark: You need to [install](#) the XLS feature to use this protocol handler.

Options

- **worksheet:** The name of the worksheet.
- **delay:** Delay of reading in milliseconds (default 0). DEPRECATED: use `scheduler.delay` instead if not used together with `delayeach`
- **nanodelay:** Delay of reading in nanoseconds (default 0).
- **delayeach:** The number of lines between a delay is used (default 0).
- **readfirstline:** Should the first line of the file be ignored (e.g. because of header information) (default: true)
- **debug:** If set to true, some additional thinks are available: (default false)
- **dumpEachLine:** Dumps lines to the console. if set to 1 each line will be dumped
- **measureEachLine:** Measures the processing time between n elements that are dumped
- **lastLine/maxLines:** Stop processing after n elements are read
- **addlinenumber:** Adds the line number (starting with 0) to the beginning of the line. Remember to add a proper attribute to the schema! (default false).
- **xls.floatingFormatter:** If used for writing, each double/float value will be formatted using this formatter (default null).
- **xls.numberFormatter:** If used for writing, each number other than double/float value will be formatted using this formatter (default null).
- **xls.writeMetadata:** Should metadata be written? (default false)
- **xls.trim:** Removes leading and trailing whitespaces in each element (default false)

Example

PQL

XLS Protocol Handler

```
input = ACCESS({source='XLS',
  wrapper='GenericPull',
  transport='File',
  protocol='XLS',
  dataHandler='Tuple',
  options=[['filename','/home/user/file.xls']],
  schema=[['symbol','String'],['points','Double'] ]
})

output = SENDER({sink = 'XLS',
  wrapper='GenericPush',
  transport='File',
  protocol='XLS',
  dataHandler='Tuple',
  options=[['filename','/home/user/file.xls']],
}, input)
```

CQL

XLS Protocol Handler

```
CREATE STREAM xls (symbol String, points Double)
  WRAPPER 'GenericPull'
  PROTOCOL 'XLS'
  TRANSPORT 'File'
  DATAHANDLER 'Tuple'
  OPTIONS ( 'filename' '/home/user/file.xls')

CREATE SINK writeout (symbol String, points Double)
  WRAPPER 'GenericPush'
  PROTOCOL 'XLS'
  TRANSPORT 'File'
  DATAHANDLER 'Tuple'
  OPTIONS ( 'filename' '/home/user/file.xls')
STREAM TO writeout SELECT * FROM input
```