

HDF5 transport handler

This access handler allow accesin hdf5 files. For further information on hdf5 see <http://www.hdfgroup.org/HDF5/>

Shortcut-Operator: HDFSource

Options

- **path:** The paths to the elements that should be used to create one object. All paths must have the same length and the same start point! Elements are separated by ','
- **filename:** The name and path of the hdf5 file

Example

```
ACCESS({
    source='Source',
    wrapper='GenericPull',
    transport='NcsaHDFFile',
    protocol='StringArray',
    dataHandler='Tuple',
    source='CHP0',
    schema=[
        ['TIMESTAMP', 'StartTIMESTAMP'],
        ['consumer_p', 'Double'],
        ['consumer_q', 'Double'],
        ['storage_t', 'Double']
    ],
    options=[
        ['paths', '/CHPSim/CHPSim_0/CHP/CHP_${i}/consumer/consumer_0/P;/CHPSim/CHPSim_0/CHP/CHP_0/consumer/consumer_0/Q;/CHPSim/CHPSim_0/CHP/CHP_0/storage/storage_0/T'],
        ['filename', '${WORKSPACE}/Mosaik/data/study-0-0.hdf5']
    ]
})

HDFSOURCE({
    paths=[
        '/CHPSim/CHPSim_0/CHP/CHP_0/consumer/consumer_0/P', '/CHPSim/CHPSim_0/CHP/CHP_0/consumer/consumer_0/Q', '/CHPSim/CHPSim_0/CHP/CHP_0/storage/storage_${i}/T'
    ],
    filename='${WORKSPACE}/Mosaik/data/study-0-0.hdf5',
    source='CHP_0',
    schema=[
        ['TIMESTAMP', 'StartTIMESTAMP'],
        ['consumer_p', 'Double'],
        ['consumer_q', 'Double'],
        ['storage_t', 'Double']
    ]
})
```