

Apache NiFi

Daffodil is available as two [Apache NiFi](#) processors called DaffodilParse and DaffodilUnparse. The source for the processors is available from the NCSA opensource Git repository:

```
git clone https://opensource.ncsa.illinois.edu/bitbucket/scm/dfd1/daffodil-nifi.git
```

View the [README](#) for build and installation instructions. Detailed documentation about the processor parameters and usage is available from within NiFi by selection the processor "Usage" option.

Example

A [Daffodil PCAP NiFi Template](#) is available as an example of the DaffodilParse and DaffodilUnparse NiFi processors. This template expects both the [PCAP git repo](#) and the [pcap-filter.xml](#) to be in the /home/dfd1/ directory. This template reads the dns.pcap file in the pcap repository, parses it to XML using Daffodil, filters the XML to remove all packets that contain a specified IP address, unparses the filtered XML back to a pcap file, and outputs the result to /tmp/nifi /results.

