GCC 6 fix for JACK plugin

February 14, 2016 15:43 - Michael Schwendt

Status: Closed
Priority: Minor
Assignee: plugins/jack
Category: plugins/jack
Target version: 3.7.2
Affects version: 3.7.1

Description

jack-ng.cc needs to include <iterator> for GCC 6 compilation:

```c
if g++ -fPIC -DPIC -O2 -g -pipe -Wall -Werror=format-security -Wp,-D_FORTIFY_SOURCE=2 -fexceptions
    printf "Successfully compiled jack-ng.cc (plugin).

else 
    err=$?; printf "Failed to compile jack-ng.cc (plugin)!

fi
```

jack-ng.cc: In member function 'virtual void JACKOutput::close_audio()':

```c
jack-ng.cc:259:42: error: no matching function for call to 'end(jack_port_t* [10])'

std::fill (m_ports, std::end (m_ports), nullptr);
```

In file included from /usr/include/libaudcore/audstrings.h:26:0,
    from jack-ng.cc:22:
/usr/include/c++/6.0.0/initializer_list:99:5: note: candidate: template<class _Tp> constexpr const _Tp* std::end(std::initializer_list<_Tp>)
end(initializer_list<Tp> __ils) noexcept
```

In file included from /usr/include/c++/6.0.0/initializer_list:99:5: note: template argument deduction/substitution failed:
jack-ng.cc:259:42: note: mismatched types 'std::initializer_list<_Tp>' and 'jack_port_t** {aka _jack_port**}'

std::fill (m_ports, std::end (m_ports), nullptr);
```

History

#1 - February 20, 2016 20:39 - John Lindgren
- Status changed from New to Closed
- Target version set to 3.7.2
- % Done changed from 0 to 100