

API compatibility report for the **libadios2_core.so** object between **0** and **1** versions on **x86_64**

Binary
CompatibilitySource
Compatibility

Test Info

Module Name	NAME
Version #1	0
Version #2	1
Arch	x86_64
GCC Version	7.5.0
Subject	Binary Compatibility

Test Results

Total Header Files	109
Total Source Files	102
Total Objects	1
Total Symbols / Types	1564 / 308
Compatibility	100%

Problem Summary

	Severity	Count
Added Symbols	-	16
Removed Symbols	High	0
Problems with Data Types	High	0
	Medium	0
	Low	0
Problems with Symbols	High	0
	Medium	0
	Low	0
Problems with Constants	Low	0

Added Symbols 16

CompressPNG.h, **libadios2_core.so.2.9.1**
namespace **adios2::core::compress**

```

CompressPNG::CompressPNG [C1] ( adios2::Params const& parameters )
CompressPNG::CompressPNG [C2] ( adios2::Params const& parameters )
CompressPNG::DestInfo::DestInfo [C2] ( )
CompressPNG::InverseOperate ( char const* bufferIn, std::size_t const sizeIn, char* dataOut )
CompressPNG::IsDataTypeValid ( enum adios2::DataType const type ) const
CompressPNG::m_BitDepths [data]
CompressPNG::m_ColorTypes [data]
CompressPNG::Operate ( char const* dataIn, adios2::Dims const& blockStart,
adios2::Dims const& blockCount, enum adios2::DataType const type, char* bufferOut )
CompressPNG::~~CompressPNG [D0] ( )

```

Info.h, libadios2_core.so.2.9.1

```

adios2_available_engines ( size_t* nentries, char const*const** list )
adios2_available_features ( size_t* nentries, char const*const** list )
adios2_available_operators ( size_t* nentries, char const*const** list )
adios2_version_major [data]
adios2_version_minor [data]
adios2_version_patch [data]
adios2_version_str [data]

```

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Header Files 109

```

ADIOS.h
adiosComm.h
adiosComm.inl
adiosCommDummy.h
adiosDynamicBinder.h
adiosLog.h
adiosMath.h
adiosMath.inl
adiosMemory.h
adiosMemory.inl
adiosPluginManager.h
adiosRangeFilter.h
adiosString.h
adiosSystem.h
adiosType.h
adiosType.inl
ADIOSTypes.h
ADIOSTypes.inl
adiosXML.h
adiosXMLUtil.h
adiosYAML.h
Attribute.h
AttributeBase.h
BlockIndex.h
BP3Base.h
BP3Deserializer.h
BP3Reader.h
BP3Serializer.h
BP3Writer.h

```

BP4Base.h
BP4Deserializer.h
BP4Reader.h
BP4Serializer.h
BP4Writer.h
BP5Base.h
BP5Deserializer.h
BP5Engine.h
BP5Reader.h
BP5Serializer.h
BP5Writer.h
BPBackCompatBlosc.h
BPBackCompatOperation.h
BPBase.h
BPSerializer.h
BPSerializer.inl
Buffer.h
BufferFFS.h
BufferSTL.h
BufferSystemV.h
BufferV.h
ChunkV.h
CompressBZIP2.h
CompressNull.h
CompressSirius.h
CoreTypes.h
cp_internal.h
Engine.h
ffs_marshall.h
FileDrainer.h
FileDrainerSingleThread.h
FileFStream.h
FilePOSIX.h
FileStdio.h
Group.h
InlineReader.h
InlineWriter.h
IO.h
IOChrono.h
MallocV.h
MhsReader.h
MhsWriter.h
MPIAggregator.h
MPIChain.h
MPIShmChain.h
NullReader.h
NullTransport.h
NullWriter.h
Operator.h
OperatorFactory.h
PluginEngine.h
PluginEngineInterface.h
PluginOperator.h
PluginOperatorInterface.h
Query.h

SerializeProcesses.h
ShmSystemV.h
Signature1.h
Signature2.h
SkeletonReader.h
SkeletonWriter.h
Span.h
Spinlock.h
sst.h
sst_comm.h
sst_comm_fwd.h
sst_data.h
SstParamParser.h
SstReader.h
SstWriter.h
Stream.h
Timer.h
TokenChain.h
Transport.h
TransportMan.h
Util.h
Variable.h
VariableBase.h
VariableStruct.h
Worker.h

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Source Files 102

ADIOS.cpp
adiosComm.cpp
adiosCommDummy.cpp
adiosDynamicBinder.cpp
adiosLog.cpp
adiosMath.cpp
adiosMemory.cpp
adiosPluginManager.cpp
adiosRangeFilter.cpp
adiosString.cpp
adiosSystem.cpp
adiosType.cpp
ADIOSTypes.cpp
adiosXML.cpp
adiosXMLUtil.cpp
adiosYAML.cpp
Attribute.cpp
AttributeBase.cpp
BP3Base.cpp
BP3Deserializer.cpp
BP3Reader.cpp
BP3Serializer.cpp
BP3Writer.cpp
BP4Base.cpp
BP4Deserializer.cpp

BP4Reader.cpp
BP4Serializer.cpp
BP4Writer.cpp
BP5Base.cpp
BP5Deserializer.cpp
BP5Engine.cpp
BP5Reader.cpp
BP5Serializer.cpp
BP5Writer.cpp
BP5Writer_EveryoneWrites_Async.cpp
BP5Writer_TwoLevelShm.cpp
BP5Writer_TwoLevelShm_Async.cpp
BPBackCompatBlosc.cpp
BPBase.cpp
BPSerializer.cpp
Buffer.cpp
BufferFFS.cpp
BufferSTL.cpp
BufferSystemV.cpp
BufferV.cpp
ChunkV.cpp
CompressBZIP2.cpp
CompressNull.cpp
CompressSirius.cpp
cp_common.c
cp_reader.c
cp_writer.c
emit.cpp
Engine.cpp
ffs_marshall.c
FileDrainer.cpp
FileDrainerSingleThread.cpp
FileFStream.cpp
FilePOSIX.cpp
FileStdio.cpp
Group.cpp
InlineReader.cpp
InlineWriter.cpp
IO.cpp
IOChrono.cpp
MallocV.cpp
MhsReader.cpp
MhsWriter.cpp
MPIAggregator.cpp
MPIChain.cpp
MPIShmChain.cpp
NullReader.cpp
NullTransport.cpp
NullWriter.cpp
Operator.cpp
OperatorFactory.cpp
PluginEngine.cpp
PluginEngineInterface.cpp
PluginOperator.cpp
PluginOperatorInterface.cpp

pugixml.cpp
Query.cpp
SerializeProcesses.cpp
ShmSystemV.cpp
Signature1.cpp
Signature2.cpp
SkeletonReader.cpp
SkeletonWriter.cpp
Spinlock.cpp
sst_comm.cpp
SstParamParser.cpp
SstReader.cpp
SstWriter.cpp
Stream.cpp
Timer.cpp
Transport.cpp
TransportMan.cpp
Variable.cpp
VariableBase.cpp
VariableStruct.cpp
Worker.cpp
XmlWorker.cpp

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Objects 1

libadios2_core.so.2.9.0

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