

Exiv2 - Bug #629

Virtual functions should not be inlined

30 Apr 2009 08:40 - Andreas Huggel

Status: Closed	Start date: 30 Apr 2009
Priority: Normal	Due date:
Assignee:	% Done: 100%
Category:	Estimated time: 0.00 hour
Target version: 0.19	
Description	
as this seems to create occasional obscure issues, see eg, bug #627	
(Hint: use the doxygen documentation to find them)	
Related issues:	
Related to Exiv2 - Bug # 627: typeld methods not available, -fvisibility-inli...	Closed 17 Apr 2009

Associated revisions

Revision 1798 - 17 May 2009 09:15 - Andreas Huggel

#629: Made inlined virtual functions non-inlined. Also some non-virtual inlined functions. Part 1.

Revision 1801 - 20 May 2009 07:53 - Andreas Huggel

#629: Cleaned-up a few more virtual inlined methods.

History

#1 - 16 May 2009 08:49 - Andreas Huggel

```
grep '[inline, virtual]' -members.html | sed 's,^.*href="\(\.\).html#[0-9a-f]*">\(.\*)</a>(. *$,1:::2,' | sed 's/^class/" | sed 's/_1_1/:/g' | sort | uniq
Action::Adjust-members.html: <tr bgcolor="#f0f0f0"><td><b>~Adjust</b>() (defined in <a class="el"
href="classAction::Adjust.html">Action::Adjust</a></td><td><a class="el" href="classAction::Adjust.html">Action::Adjust</a></td><td> [inline, virtual]
</td></tr>
Action::Erase-members.html: <tr bgcolor="#f0f0f0"><td><b>~Erase</b>() (defined in <a class="el"
href="classAction::Erase.html">Action::Erase</a></td><td><a class="el" href="classAction::Erase.html">Action::Erase</a></td><td> [inline, virtual]
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Action::Extract-members.html: <tr bgcolor="#f0f0f0"><td><b>~Extract</b>() (defined in <a class="el"
href="classAction::Extract.html">Action::Extract</a></td><td><a class="el" href="classAction::Extract.html">Action::Extract</a></td><td> [inline,
virtual]</td></tr>
Action::FixIso-members.html: <tr bgcolor="#f0f0f0"><td><b>~FixIso</b>() (defined in <a class="el"
href="classAction::FixIso.html">Action::FixIso</a></td><td><a class="el" href="classAction::FixIso.html">Action::FixIso</a></td><td> [inline, virtual]
</td></tr>
Action::Insert-members.html: <tr bgcolor="#f0f0f0"><td><b>~Insert</b>() (defined in <a class="el"
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</td></tr>
Action::Modify-members.html: <tr bgcolor="#f0f0f0"><td><b>~Modify</b>() (defined in <a class="el"
href="classAction::Modify.html">Action::Modify</a></td><td><a class="el" href="classAction::Modify.html">Action::Modify</a></td><td> [inline,
virtual]</td></tr>
Action::Print-members.html: <tr bgcolor="#f0f0f0"><td><b>~Print</b>() (defined in <a class="el"
href="classAction::Print.html">Action::Print</a></td><td><a class="el" href="classAction::Print.html">Action::Print</a></td><td> [inline, virtual]
```

</td></tr>

Action::Rename-members.html: <tr bgcolor="#f0f0f0"><td>~Rename() (defined in <a class="el"

href="classAction::Rename.html">Action::Rename</td><td>Action::Rename</td><td>

[inline, virtual]</td></tr>

Action::Task::~Task

Exiv2::AnyError::~AnyError

Exiv2::AsciiValue::~AsciiValue

Exiv2::BasicIo::~BasicIo

Exiv2::BmpImage::mimeType

Exiv2::CommentValue::~CommentValue

Exiv2::Cr2Image::mimeType

Exiv2::CrwImage::mimeType

Exiv2::DataValue::count

Exiv2::DateValue::count

Exiv2::DateValue::~DateValue

Exiv2::DateValue::getDate

Exiv2::DateValue::toFloat

Exiv2::DateValue::toRational

Exiv2::Error::code

Exiv2::Error::~Error

Exiv2::Error::what

Exiv2::Exifdatum::copy

Exiv2::Exifdatum::count

Exiv2::Exifdatum::familyName

Exiv2::Exifdatum::getValue

Exiv2::Exifdatum::groupName

Exiv2::Exifdatum::key

Exiv2::Exifdatum::size

Exiv2::Exifdatum::tag

Exiv2::Exifdatum::tagLabel

Exiv2::Exifdatum::tagName

Exiv2::Exifdatum::toFloat

Exiv2::Exifdatum::toLong

Exiv2::Exifdatum::toRational

Exiv2::Exifdatum::toString

Exiv2::Exifdatum::typeid

Exiv2::Exifdatum::typeName

Exiv2::Exifdatum::typeSize

Exiv2::ExifKey::familyName

Exiv2::ExifKey::groupName

Exiv2::ExifKey::key

Exiv2::ExifKey::tag

Exiv2::ExvImage::mimeType

Exiv2::GifImage::mimeType

Exiv2::Image::comment

Exiv2::Image::exifData

Exiv2::Image::~Image

Exiv2::Image::io

Exiv2::Image::iptcData

Exiv2::Image::pixelHeight

Exiv2::Image::pixelWidth

Exiv2::Image::xmpData

Exiv2::Image::xmpPacket

Exiv2::Internal::CiffEntry::~CiffEntry
Exiv2::Internal::FujiMnHeader::baseOffset
Exiv2::Internal::FujiMnHeader::byteOrder
Exiv2::Internal::FujiMnHeader::~FujiMnHeader
Exiv2::Internal::FujiMnHeader::ifdOffset
Exiv2::Internal::FujiMnHeader::size
Exiv2::Internal::MnHeader::baseOffset
Exiv2::Internal::MnHeader::byteOrder
Exiv2::Internal::MnHeader::ifdOffset
Exiv2::Internal::MnHeader::~MnHeader
Exiv2::Internal::Nikon2MnHeader::ifdOffset
Exiv2::Internal::Nikon2MnHeader::~Nikon2MnHeader
Exiv2::Internal::Nikon2MnHeader::size
Exiv2::Internal::Nikon3MnHeader::baseOffset
Exiv2::Internal::Nikon3MnHeader::byteOrder
Exiv2::Internal::Nikon3MnHeader::ifdOffset
Exiv2::Internal::Nikon3MnHeader::~Nikon3MnHeader
Exiv2::Internal::Nikon3MnHeader::size
Exiv2::Internal::Olympus2MnHeader::baseOffset
Exiv2::Internal::Olympus2MnHeader::ifdOffset
Exiv2::Internal::Olympus2MnHeader::~Olympus2MnHeader
Exiv2::Internal::Olympus2MnHeader::size
Exiv2::Internal::OlympusMnHeader::ifdOffset
Exiv2::Internal::OlympusMnHeader::~OlympusMnHeader
Exiv2::Internal::OlympusMnHeader::size
Exiv2::Internal::PanasonicMnHeader::ifdOffset
Exiv2::Internal::PanasonicMnHeader::~PanasonicMnHeader
Exiv2::Internal::PanasonicMnHeader::size
Exiv2::Internal::PentaxMnHeader::ifdOffset
Exiv2::Internal::PentaxMnHeader::~PentaxMnHeader
Exiv2::Internal::PentaxMnHeader::size
Exiv2::Internal::SigmaMnHeader::ifdOffset
Exiv2::Internal::SigmaMnHeader::~SigmaMnHeader
Exiv2::Internal::SigmaMnHeader::size
Exiv2::Internal::SonyMnHeader::ifdOffset
Exiv2::Internal::SonyMnHeader::size
Exiv2::Internal::SonyMnHeader::~SonyMnHeader
Exiv2::Internal::TiffArrayElement::~TiffArrayElement
Exiv2::Internal::TiffBinaryElement::~TiffBinaryElement
Exiv2::Internal::TiffComponent::idx
Exiv2::Internal::TiffComponent::~TiffComponent
Exiv2::Internal::TiffDataEntryBase::~TiffDataEntryBase
Exiv2::Internal::TiffDataEntry::~TiffDataEntry
Exiv2::Internal::TiffDecoder::~TiffDecoder
Exiv2::Internal::TiffEncoder::~TiffEncoder
Exiv2::Internal::TiffEntryBase::idx
Exiv2::Internal::TiffEntry::~TiffEntry
Exiv2::Internal::TiffFinder::~TiffFinder
Exiv2::Internal::TiffImageEntry::~TiffImageEntry
Exiv2::Internal::TiffSizeEntry::~TiffSizeEntry
Exiv2::Internal::TiffVisitor::~TiffVisitor
Exiv2::Internal::TiffVisitor::visitDirectoryEnd
Exiv2::Internal::TiffVisitor::visitDirectoryNext

Exiv2::Internal::TiffVisitor::visitIfdMakernoteEnd
Exiv2::Iptcdatum::copy
Exiv2::Iptcdatum::count
Exiv2::Iptcdatum::familyName
Exiv2::Iptcdatum::getValue
Exiv2::Iptcdatum::groupName
Exiv2::Iptcdatum::key
Exiv2::Iptcdatum::size
Exiv2::Iptcdatum::tag
Exiv2::Iptcdatum::tagLabel
Exiv2::Iptcdatum::tagName
Exiv2::Iptcdatum::toFloat
Exiv2::Iptcdatum::toLong
Exiv2::Iptcdatum::toRational
Exiv2::Iptcdatum::toString
Exiv2::Iptcdatum::typeId
Exiv2::Iptcdatum::typeName
Exiv2::Iptcdatum::typeSize
Exiv2::IptcKey::familyName
Exiv2::IptcKey::groupName
Exiv2::IptcKey::key
Exiv2::IptcKey::tag
Exiv2::IptcKey::tagLabel
Exiv2::IptcKey::tagName
Exiv2::Jp2Image::mimeType
Exiv2::JpegImage::mimeType
Exiv2::MemIo::mmap
Exiv2::MemIo::munmap
Exiv2::MrwImage::mimeType
Exiv2::OrfImage::mimeType
Exiv2::PngImage::mimeType
Exiv2::PsdImage::mimeType
Exiv2::RafImage::mimeType
Exiv2::Rw2Image::mimeType
Exiv2::StringValueBase::count
Exiv2::StringValueBase::~~StringValueBase
Exiv2::StringValue::~~StringValue
Exiv2::TgaImage::mimeType
Exiv2::TiffImage::mimeType
Exiv2::TimeValue::count
Exiv2::TimeValue::getTime
Exiv2::TimeValue::~~TimeValue
Exiv2::TimeValue::toFloat
Exiv2::TimeValue::toRational
Exiv2::Value::dataArea
Exiv2::Value::sizeDataArea
Exiv2::ValueType::copy
Exiv2::ValueType::count
Exiv2::ValueType::dataArea
Exiv2::ValueType::read
Exiv2::ValueType::setDataArea
Exiv2::ValueType::size
Exiv2::ValueType::sizeDataArea

Exiv2::ValueType::toFloat
Exiv2::ValueType::toLong
Exiv2::ValueType::toRational
Exiv2::ValueType::toString
Exiv2::ValueType::~ValueType
Exiv2::ValueType::write
Exiv2::Xmpdatum::typeSize
Exiv2::XmpKey::tag
Exiv2::XmpSidecar::mimeType
Util::Getopt::~Getopt

#2 - 17 May 2009 09:19 - Andreas Huggel

These remain after r1798:

```
grep '\[inline, virtual]' -members.html | sed 's,^\.*href="(.)\.html#[0-9a-f]*">(.*</a>(. *$,1::2,' | sed 's/^\s/class//' | sed 's/_1_1/:/g' | sort | uniq
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Exiv2::Internal::FujiMnHeader::baseOffset
Exiv2::Internal::FujiMnHeader::byteOrder
Exiv2::Internal::FujiMnHeader::~FujiMnHeader
Exiv2::Internal::FujiMnHeader::ifdOffset
Exiv2::Internal::FujiMnHeader::size
Exiv2::Internal::MnHeader::baseOffset
Exiv2::Internal::MnHeader::byteOrder
Exiv2::Internal::MnHeader::ifdOffset
Exiv2::Internal::MnHeader::~MnHeader
Exiv2::Internal::Nikon2MnHeader::ifdOffset
```

Exiv2::Internal::Nikon2MnHeader::~~Nikon2MnHeader
Exiv2::Internal::Nikon2MnHeader::size
Exiv2::Internal::Nikon3MnHeader::baseOffset
Exiv2::Internal::Nikon3MnHeader::byteOrder
Exiv2::Internal::Nikon3MnHeader::ifdOffset
Exiv2::Internal::Nikon3MnHeader::~~Nikon3MnHeader
Exiv2::Internal::Nikon3MnHeader::size
Exiv2::Internal::Olympus2MnHeader::baseOffset
Exiv2::Internal::Olympus2MnHeader::ifdOffset
Exiv2::Internal::Olympus2MnHeader::~~Olympus2MnHeader
Exiv2::Internal::Olympus2MnHeader::size
Exiv2::Internal::OlympusMnHeader::ifdOffset
Exiv2::Internal::OlympusMnHeader::~~OlympusMnHeader
Exiv2::Internal::OlympusMnHeader::size
Exiv2::Internal::PanasonicMnHeader::ifdOffset
Exiv2::Internal::PanasonicMnHeader::~~PanasonicMnHeader
Exiv2::Internal::PanasonicMnHeader::size
Exiv2::Internal::PentaxMnHeader::ifdOffset
Exiv2::Internal::PentaxMnHeader::~~PentaxMnHeader
Exiv2::Internal::PentaxMnHeader::size
Exiv2::Internal::SigmaMnHeader::ifdOffset
Exiv2::Internal::SigmaMnHeader::~~SigmaMnHeader
Exiv2::Internal::SigmaMnHeader::size
Exiv2::Internal::SonyMnHeader::ifdOffset
Exiv2::Internal::SonyMnHeader::size
Exiv2::Internal::SonyMnHeader::~~SonyMnHeader
Exiv2::Internal::TiffArrayElement::~~TiffArrayElement
Exiv2::Internal::TiffBinaryElement::~~TiffBinaryElement
Exiv2::Internal::TiffComponent::idx
Exiv2::Internal::TiffComponent::~~TiffComponent
Exiv2::Internal::TiffDataEntryBase::~~TiffDataEntryBase
Exiv2::Internal::TiffDataEntry::~~TiffDataEntry
Exiv2::Internal::TiffDecoder::~~TiffDecoder
Exiv2::Internal::TiffEncoder::~~TiffEncoder
Exiv2::Internal::TiffEntryBase::idx
Exiv2::Internal::TiffEntry::~~TiffEntry
Exiv2::Internal::TiffFinder::~~TiffFinder
Exiv2::Internal::TiffImageEntry::~~TiffImageEntry
Exiv2::Internal::TiffSizeEntry::~~TiffSizeEntry
Exiv2::Internal::TiffVisitor::~~TiffVisitor
Exiv2::Internal::TiffVisitor::visitDirectoryEnd
Exiv2::Internal::TiffVisitor::visitDirectoryNext
Exiv2::Internal::TiffVisitor::visitIfdMakernoteEnd
Exiv2::ValueType::copy
Exiv2::ValueType::count
Exiv2::ValueType::dataArea
Exiv2::ValueType::read
Exiv2::ValueType::setDataArea
Exiv2::ValueType::size
Exiv2::ValueType::sizeDataArea
Exiv2::ValueType::toFloat
Exiv2::ValueType::toLong
Exiv2::ValueType::toRational

Exiv2::ValueType::toString
Exiv2::ValueType::~~ValueType
Exiv2::ValueType::write

#3 - 20 May 2009 07:54 - Andreas Huggel

- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

#4 - 25 Jun 2009 08:38 - Andreas Huggel

- *Target version changed from 1.0 to 0.19*

#5 - 30 Dec 2009 07:50 - Andreas Huggel

- *Status changed from Resolved to Closed*