

# Re: XmlValidatingReader memory behaviour

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*Source:* <http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.xml/2005-04/msg00030.html>

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- *From:* "Paul Hatcher" <[phatcher@xxxxxxxxxxxxxxxxxxxxxx](mailto:phatcher@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 2 Apr 2005 01:10:50 +0100
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Priya

Thanks a lot for that – saved me a lot of hassle

Regards

Paul

"Priya Lakshminarayanan [MSFT]" <[priyal@xxxxxxxxxxxxxxxxxxxxxx](mailto:priyal@xxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:424d97ef\\$1@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:424d97ef$1@xxxxxxxxxxxxxxxxxxxxxx)

- > You can add all your schemas to an XmlSchemaCollection and then re-use
- > this
- > schema collection with multiple XmlValidatingReaders that are created over
- > your multiple XML documents. This will ensure that the schemas are
- > compiled
- > only once.
- >
- > Thanks,
- > Priya
- >
- > "Paul Hatcher" <[phatcher@xxxxxxxxxxxxxxxxxxxxxx](mailto:phatcher@xxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:%23cnymSuNFHA.1040@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23cnymSuNFHA.1040@xxxxxxxxxxxxxxxxxxxxxx)
- >> I need to validate a number of different XML documents against the same
- >> schema, but the behaviour of XmlValidatingReader seems to make this very
- >> expensive in memory terms.
- >>
- >> We loaded about 150 XML files via XmlDocument.Load, which took around
- > about
- >> 3Mb of allocations, but the XmlValidatingReader added another 69Mb of
- >> allocations during Schema.Add
- >>
- >> What would be nice is if you could create a validating reader and assign
- > the
- >> schema and then have it process multiple XML documents; currently the
- > reader
- >> has to be passed in via the constructor so you can't re-use the internal
- >> schema set up that's expensive in memory terms.
- >>
- >> Paul

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• **References:**

- ◆ **XmlValidatingReader memory behaviour**
    - ◇ From: Paul Hatcher
  - ◆ **Re: XmlValidatingReader memory behaviour**
    - ◇ From: Priya Lakshminarayanan [MSFT]
- 
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