

Re: The Set Class in C++ and Java

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-10/msg00300.html>

- *From:* "coosa" <coosa76@xxxxxxxxxx>
 - *Date:* 3 Oct 2006 06:21:43 -0700
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Kevin Spencer wrote:

any way, i have checked the file; it doesn't first implement generics and doesn't really consider strong typing.

Any way; i really hope that Microsoft comes out with a Set implementation in their future releases.

As an alternative, i see the HashTable, but considering a constantly sorted range complexity of the tree, a HashTable is not always the better choice since the fast lookup is what makes it very powerful.

The Java Set Interface is not strongly-typed either. In fact, it can contain any combination of data in it, not just one type. See <http://java.sun.com/j2se/1.4.2/docs/api/java/util/Set.html>. I saw quite a number of other C# Set Class implementations (see <http://www.google.com/search?hl=en&q=C%23+Set+Class>), but the one that I pointed you to was the closest one to the Java Set Interface, which I thought was what you were looking for.

In any case, you are free to create your own Collection classes, derive from any existing Collection class, and implement whatever functionality you desire. Perhaps, considering your desire for strong typing, you might want to start from one of the System.Collections.ObjectModel (<http://msdn2.microsoft.com/en-us/library/system.collections.objectmodel.aspx>) or System.Collections.Generic (<http://msdn2.microsoft.com/en-us/library/system.collections.generic.aspx>) namespace classes.

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HTH,

Kevin Spencer
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A watched clock never boils.

Re: The Set Class in C++ and Java

"coosa" <coosa76@xxxxxxxx> wrote in message
news:1159724719.136866.127420@xx

"coosa"
<coosa76@xxxxxxxx>
wrote in message
news:1159702414.112222.83780@xx

Dear all,

I'm familiar
with the Set
Class in
C++ and
Java;
however, i
have
been
searching in
C# for a
similar
container as
in c++ or
collection
as
in
java, but
couldn't
find one.
Could some
one tell me
about the
the Set
implementation
inside
.NET?

Best regards

I believe the Set.cs link
<http://www.devhood.com/tools/myDownload>
is
broken

My bad, my mozilla firefox prevented the scripts for the page, so i
couldn't download it! :-)

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That is not true at all,

Since JDK 1.5 Update 2, Java came up with alot of stong typed generics including the vector , set, ...etc. classes.

Earlier you could not for instance use a statement in Java like this:
`java.util.Vector <SomeClass> v;` It took every thing as object and u needed to cast. However, as from Update 2 i guess of 1.5 jdk, they adapted the STL implementation of strong typing.

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