

# NNTP gateway problems

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[Sergey Zhukov](#) 32 posts since

Aug 25, 2008

Hello!

We've upgraded Jive Forums to Clearspace with some issues, but I'll report them later.

Now we have some troubles with NNTP gateway:

1. Clearspace posts are doubled by NNTP gateway. When I do a post to Community, my post goes to NNTP server and back as once new message to community. Hopefully it happens only once. :-)

You can see this here:

Original post: <http://jetbrains.net/devnet/message/5227292#5227292>

Double: <http://jetbrains.net/devnet/message/5227293#5227293>

2. Clearspace posts HTML messages as text/plain. You can see results in links above.

I've patched NewsgroupExporter.java to fix that, but I'm sure it will be good if you do that.

Thanks,

Sergey

Tags: html, nntp



[Sergey Zhukov](#) 32 posts since

Aug 25, 2008 1. **Re: NNTP gateway problems** Nov 24, 2008 8:59 AM

We found that the problem N1 is in NewsgroupExporter.java:

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```
285         ForumMessage m =  
getForumManager().getMessage(forumMessage.getID());
```

We receive NPE here, because ForumManager is Null

NNTP integraion is very important for us. We'd appreciate if you could provide an urgent fix for us that we can use.

If you can let us know where to make changes in the code, this is fine.

Thanks in advance,

-S.



[Vinh](#) 12,343 posts since

Apr 1, 2008 2. **Re: NNTP gateway problems** Nov 24, 2008 5:31 PM

Hey Sergey,

You'll want to replace that line with these:

```
JiveContext factory = JiveApplication.getContext(); DbForumMessage m = (DbForumMessage) factory.getForumManager().getMes
```

Thanks,

Vinh

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[Sergey Zhukov](#) 32 posts since

Aug 25, 2008 3. **Re: NNTP gateway problems** Nov 24, 2008 11:36 PM

Ok, thanks, it's the same solution as I done yesterday. It works.

When will you integrate this into release build of Clearspace ?

Also I've done following with NewsgroupsExporter.java to fix ugly html messages in NNTP readers:

```
800:     else {  
           //message.setText(body.toString(), getMimeCharacterEncoding());  
           message.setContent(body.toString(), "text/html");  
       }
```

and (to fix Sent Date in Outlook Express):

```
//     SimpleDateFormat format = new SimpleDateFormat("EEE, dd MMM yyyy HH:mm:ss  
z",  
//         java.util.Locale.US);  
     SimpleDateFormat format = new SimpleDateFormat("EEE, dd MMM yyyy HH:mm:ss  
Z",  
         java.util.Locale.US);
```

And last question: Is it possible to get plain/text message from Clearspace to post it to NNTP ?

Some clients can't read HTML body at all.

Thanks,

Sergey

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Vinh 12,343 posts since

Apr 1, 2008 4. **Re: NNTP gateway problems** Nov 25, 2008 5:00 PM

It should be possible to mirror the functionality of the email gateway exporter, which converts the content to wiki syntax before sending out the message. You'll need to change these lines in NewsgroupExporter.AddContent:

```
org.w3c.dom.Document domBody = forumMessage.getBody();
```

```
StringBuffer body = new StringBuffer(JAXPUtils.toXmlString(domBody));
```

To:

```
String html = WikiContentHelper.contentBodyToWikiText(forumMessage.getBody());
```

```
StringBuffer body = new StringBuffer(html);
```

You'll also need to import this into NewsgroupExporter:

```
import com.jivesoftware.base.wiki.WikiContentHelper;
```

Thanks,

Vinh



Sergey Zhukov 32 posts since

Aug 25, 2008 5. Re: **NNTP gateway problems** Dec 2, 2008 5:34 AM

Ok, thank you, it works!

But I see some troubles with this formatter like following message.

Is there any possible to remove "font" section and keep line breaks ?

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```
'lo all, I just upgraded our server to the new Team City 4 release and am seeing some
exceptions during an inspection run (from a pom file): {font:style=text-decoration:
underline;}[20:48:35]:{font} Analyzing code ... 2%{font:style=text-decoration: underline;}
[20:48:37]:{font} +[ 141367] ERROR - ex.GlobalInspectionContextImpl --{font:style=text-
decoration: underline;}[20:48:37]:{font} +java.lang.IllegalStateException: @NotNull
method co m/intellij/extapi/psi/StubBasedPsiElementBase.getRequiredStubOrPsiChild
must not return null+{font:style=text-decoration: underline;}[20:48:37]:{font} +at
com.intellij.extapi.psi.StubBasedPsiElementBase.getRequiredStubOrPsiChild(StubBasedPsiElementBas
decoration: underlin e;)[20:48:37]:{font} +at
com.intellij.psi.impl.source.PsiMethodImpl.getParameterList(PsiMethodImpl.java:73)+{font:style=text-
decoration: underline;}[20:48:37]:{font} +at
com.intellij.psi.impl.source.PsiMethodImpl.isVarArgs(PsiMethodImpl.java:77)+{font:style=text-
decoration: underline;}[20:48:37]:{font} +at
com.intellij.psi.impl.java.stubs.JavaMethodElementType.createStub(JavaMethodElementType.java:7)+{f
decoration: underline;}[20:48:37]:{font} Analyzing code ... 3% \\and\
\{font:style=text-decoration: underline;}[20:48:45]:{font} +[ 149020] ERROR
- ex.GlobalInspectionContextImpl --{font:style=text-decoration: underline;}
[20:48:45]:{font} +java.util.NoSuchElementException+{font:style=text-
decoration: underline;}[20:48:45]:{font} +at java.util.AbstractList$Itr.n
ext(AbstractList.java:350)+{font:style=text-decoration: underline;}[20:48:45]:{font} +at
com.intellij.psi.impl.source.PsiFileImpl.a(PsiFileImpl.java:370)+{font:style=text-decoration:
underline;}[20:48:45]:{font} +at
com.intellij.psi.impl.source.PsiFileImpl.a(PsiFileImpl.java:357)+{font:style=text-de coration:
underline;}[20:48:45]:{font} +at
com.intellij.psi.impl.source.PsiFileImpl.a(PsiFileImpl.java:357)+{font:style=text-decoration:
underline;}[20:48:45]:{font} +at
com.intellij.psi.impl.source.PsiFileImpl.a(PsiFileImpl.java:357)+{font:style=text-decoration:
underline;}[20:48:45]:{font} +at com
intellij.psi.impl.source.PsiFileImpl.loadTreeElement(PsiFileImpl.java:354)+{font:style=text-
```

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decoration: underline;}[20:48:45]:{font} +at  
com.intellij.extapi.psi.StubBasedPsiElementBase.getNode(StubBasedPsiElementBase.java:54)+{font:st  
decoration: underline;}[20:48:45]:{font} +at com.intelli  
j.psi.impl.source.PsiMethodImpl.getNode(PsiMethodImpl.java:20)+\\Is this a known issue at  
all? Shall I raise them in Jira?\\ --- Original message URL: [http://www.jetbrains.com/devnet/  
message/5227876#5227876](http://www.jetbrains.com/devnet/message/5227876#5227876)

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Thanks,

Sergey



[Vinh](#) 12,343 posts since

Apr 1, 2008 6. **Re: NNTP gateway problems** Dec 2, 2008 11:59 AM

I don't think there's a way to turn this off, since it's a part of the wiki syntax. You'd have to take a closer look at how it's being generated in the MessageFontVisitor class (in the HTMLMessageConverter.java file) and visitChildContent().



[Sergey Zhukov](#) 32 posts since

Aug 25, 2008 7. **Re: NNTP gateway problems** Dec 3, 2008 6:01 AM

Thank you for the hint.

I see you told me wrong function in the first message. The right conversion done by WikiContentHelper.contentBodyToMessageText().

So now I'm attaching the patch for NewsgroupExporter.java for CS 2.5.4 with my changes.

Look them please, it will be great if you merge them into your product.

We're widely using NNTP gateways and we couldn't use them without these patches.

Some comments to make this patch understandable:

1. Changed text/html export to text/plain with right conversion.

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2. Added a little bit log records to find messages which breaks NNTP exports.
3. Added code to split long strings into 300 chars pieces, because NNTP server doesn't accepts very long lines.
4. Added code to simple check user's email if he doesn't hide it and prefer to post to NNTP. If this email has wrong format, it changes to defaultEmail(), because NNTP server doesn't allow wrong emails.
5. Fixed NPE with ForumManager.
6. Changed Date format in the message to make them viewable by Outlook Express. It doesn't breaks other clients.

I hope you add these changes into your product, because it's heavy to patch it before every update.

**Attachments:**

- [NewsgroupExporter.patch](#) (5.1 K)



[Vinh](#) 12,343 posts since

Apr 1, 2008 8. **Re: NNTP gateway problems** Dec 3, 2008 10:51 AM

Noted, thanks for the catch.

I've created two JIRA issues for this (CS-10051 and CS-10052) with a set fix date of 2.5.6. I'll make sure to roll your changes into the fixes.