

Message body gets mangled when...



Jochem van Dieten 204 posts since

May 6, 2009

I have a problem with some content I am sending to a Jive community by email showing up mangled in the web interface and in the outgoing message notifications. The community is running the advancedemail plgin, but [I have been told](#) that is not relevant for this problem.

Here is the (sanitized) message I sent:

From: Jochem van Dieten <email>
User-Agent: Thunderbird 2.0.0.21 (Windows/20090302)
MIME-Version: 1.0
To: <community>
Subject: code block test
Content-Type: text/plain; charset=UTF-8; format=flowed
Content-Transfer-Encoding: 7bit

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sapien mi, lobortis sed viverra eget, viverra quis leo. Fusce accumsan velit non turpis sollicitudin ut lacinia elit vestibulum. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Etiam adipiscing justo et ipsum egestas id pulvinar tortor lobortis.

```
private function foo(event:Event):bar {
    for (var i = 0; i < event.length; i++) {
        _foobar_ = _foobar_ *i* event[i];
    }
}
```

Suspendisse potenti. Ut ipsum elit, bibendum nec tempor et, ornare a ligula. Proin sit amet turpis quis justo dictum hendrerit. Mauris tincidunt nunc mauris. Mauris in ipsum justo. Vestibulum nec nisi libero.

Message body gets mangled when...

Jochem

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Jochem van Dieten

<http://jochem.vandieten.net/>

The third line of the code is altered by the system. Here is a screenshot of the way it showed in the web interface:

code block test

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sapien mi, lobortis sed viverra eget, viverra quis leo. Fusce accumsan velit non turpis sollicitudin ut lacinia elit vestibulum. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Etiam adipiscing justo et ipsum egestas id pulvinar tortor lobortis.

```
private function foo(event:Event):bar {  
    for (var i = 0; i < event.length; i++) {  
        foobar = foobar i event+;  
    }  
}
```

Suspendisse potenti. Ut ipsum elit, bibendum nec tempor et, ornare a ligula. Proin sit amet turpis quis justo dictum hendrerit. Mauris tincidunt nunc mauris. Mauris in ipsum justo. Vestibulum nec nisi libero.

Jochem

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Jochem van Dieten

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Message body gets mangled when...

Is there any documentation available on these formatting codes and how we can send code fragments through email without the system changing the code?

Tags: clearspace, email, formatting



[Will French](#) 3,905 posts since

Nov 2, 2004 1. **Re: Message body gets mangled when repending by email** May 13, 2009 11:30 AM

Hi,

I have investigated this, and it looks like we actually do run the code through a method which uses our older wiki syntax to convert the text into our format. I believe this is undocumented (still looking) but here is how to get around this:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sapien mi, lobortis sed viverra eget, viverra quis leo. Fusce accumsan velit non turpis sollicitudin ut lacinia elit vestibulum. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Etiam adipiscing justo et ipsum egestas id pulvinar tortor lobortis.

{code}

```
private function foo(event:Event):bar {
    for (var i = 0; i < event.length; i++) {
        _foobar_ = _foobar_ *i* event[i];
    }
}
```

{code}

Suspendisse potenti. Ut ipsum elit, bibendum nec tempor et, ornare a ligula. Proin sit amet turpis quis justo dictum hendrerit. Mauris

Message body gets mangled when...

tincidunt nunc mauris. Mauris in ipsum justo. Vestibulum nec nisi libero.

Jochem

And it will turn out like this, with the code unaltered:



The screenshot shows a forum post by Will French, dated May 13, 2009, 11:25 AM. The post title is "test with code macro". The content includes a block of Lorem Ipsum text, a code block for a JavaScript function, and another block of Lorem Ipsum text. The code block is as follows:

```
private function foo(event:Event):bar {
    for (var i = 0; i < event.length; i++) {
        _foobar_ = _foobar_ *i* event+;
    }
}
```

The post is signed "Jochem".

Hope that helps! I'll look into the documentation, and plans for this functionality in the future



[Jochem van Dieten](#) 204 posts since

May 6, 2009 2. **Re: Message body gets mangled when repoding by email** May 13, 2009 11:46 AM

Will wrote on 2009-05-13 20:30:

I have investigated this, and it looks like we actually do run the code through a method which uses our older wiki syntax to convert the text into our format. I believe this is undocumented (still looking) but here is how to get around this:

Message body gets mangled when...

>>

```
>> private function foo(event:Event):bar {  
>>   for (var i = 0; i < event.length; i++) {  
>>     _foobar_ = _foobar_ *i* event+;  
>>   }  
>> }  
>>
```

http://content.screencast.com/users/klassikstile/folders/Jing/media/2e99eeda-359e-40a7-a1d5-2d1f067f74f2/import_w__code_macro.png

Look closer at the second last characters of the third line. In the source they are an array notation loop index, in the result they are a plus sign. In a code forum this is a guarantee for problems.

Jochem

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Jochem van Dieten

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[Will French](#) 3,905 posts since

Nov 2, 2004 3. **Re: Message body gets mangled when replying by email** May 13, 2009 12:24 PM

Ah yes, missed that one, I will do some further testing and get back to you



[Will French](#) 3,905 posts since

Message body gets mangled when...

Nov 2, 2004 4. **Re: Message body gets mangled when repoding by email** May 18, 2009 5:41 PM

I have logged this as a bug: CS-13412 and it will be fixed in a future patch release



[Jochem van Dieten](#) 204 posts since

May 6, 2009 5. **Re: Message body gets mangled when repoding by email** May 19, 2009 7:58 AM

Will wrote on 2009-05-19 02:42:

I have logged this as a bug: CS-13412 and it will be fixed in a future patch release

Does that mean it will be backpatched as well? The forum I am interested

in is currently using CS 2.5.7.

Jochem

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Jochem van Dieten

<http://jochem.vandieten.net/>



[Will French](#) 3,905 posts since

Nov 2, 2004 6. **Re: Message body gets mangled when repoding by email** May 19, 2009 8:04 AM

We do not offer patches for our defects, but instead put out a series of patch releases which just contain bug fixes. In order to have this resolved, you will need to just install the patch release which includes this fix. It is currently scheduled for our July patch release.



[Jochem van Dieten](#) 204 posts since

May 6, 2009 7. **Re: Message body gets mangled when repoding by email** May 24, 2009 6:37 AM

Will wrote on 2009-05-19 02:42:

Message body gets mangled when...

I have logged this as a bug: CS-13412 and it will be fixed in a future patch release

Will the patch be just for the specific case of `i` or will it provide a way to prevent any sort of replacement filter from running? Because there are several more cases where the replacement functionality provides unwanted results.

Jochem

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Jochem van Dieten

<http://jochem.vandieten.net/>



Jochem van Dieten 204 posts since

May 6, 2009 8. **Re: Message body gets mangled when repoding by email** Jul 25, 2009 4:49 PM

I just noticed another incarnation of this problem in <http://www.jivesoftware.com/jivespace/message/246144#246144>

So I would like to repeat my question: will the patch be specific to the `array` index notation or will it be a general solution preventing any form of replacement?