

## The Hammer - Bug #30

### Line number margin width should be set automatically on growing/shrinking lines

03/27/2017 12:17 PM - Wil van Antwerpen

<b>Status:</b>	Closed	<b>Start date:</b>	03/27/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Wil van Antwerpen	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>The line number margin width is set automatically. However it is only determined once. As a result when your required width changes, it does not adapt the width with it.</p> <p>The way the automatic margin width logic currently works is this:</p> <p>If you enable line margins when the document is empty it will set a default margin of based on the width of this string “_99999”. This is currently what you will see if you start the hammer2 (maybe also hammer3) as it sets the margin before the document is loaded.</p> <p>If you enable the margin once you have a document loaded (eg. toggle using the new settings dialog) then it will set the margin width depending on how many lines are stored in your document. So if you have a file with 200 lines of code it will determine the line count and set the width for “200”. <i>If your document has 6350 lines then it will set a width for “_6350” lines etc..</i> <i>If your document has 2226350 lines then it will set a width for “2226350” lines etc..</i> Note that the line numbering itself is automatic.. we do not have to do anything for that, the control does this automatically</p> <p>So we have to add margin width detection logic in the LineChanged event.</p>			

#### History

##### #1 - 03/29/2017 09:10 PM - Wil van Antwerpen

- Status changed from New to Resolved
- Assignee set to Wil van Antwerpen

The width of the margin for line numbers is now completely automatically determined.

This is done in methods:

- LineCountChanged
- CM\_SetLineNumbering
- property piMarginLineNumberDigits

LineCountChanged is a new event that is called when text is added or deleted.

Not completely a one on one relationship, but sufficient.

If you have margins enabled and you delete almost all lines then the logic will keep a minimum margin width of 3 digits (plus a 1 character prefix)

##### #2 - 03/29/2017 09:25 PM - Wil van Antwerpen

- Status changed from Resolved to Closed