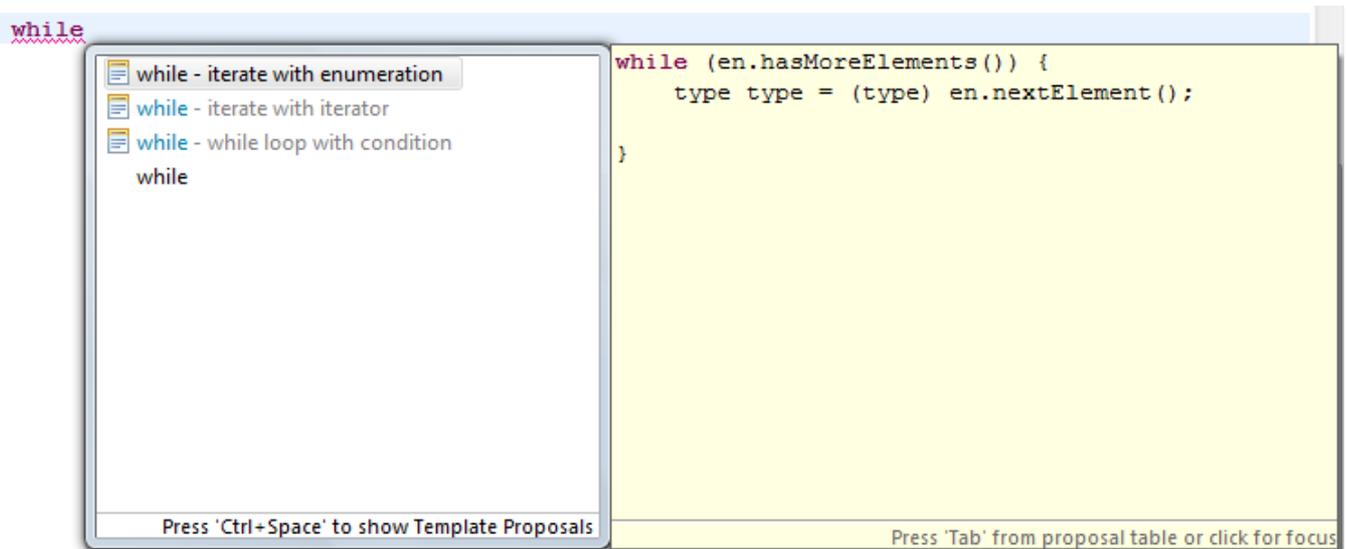**Software House**

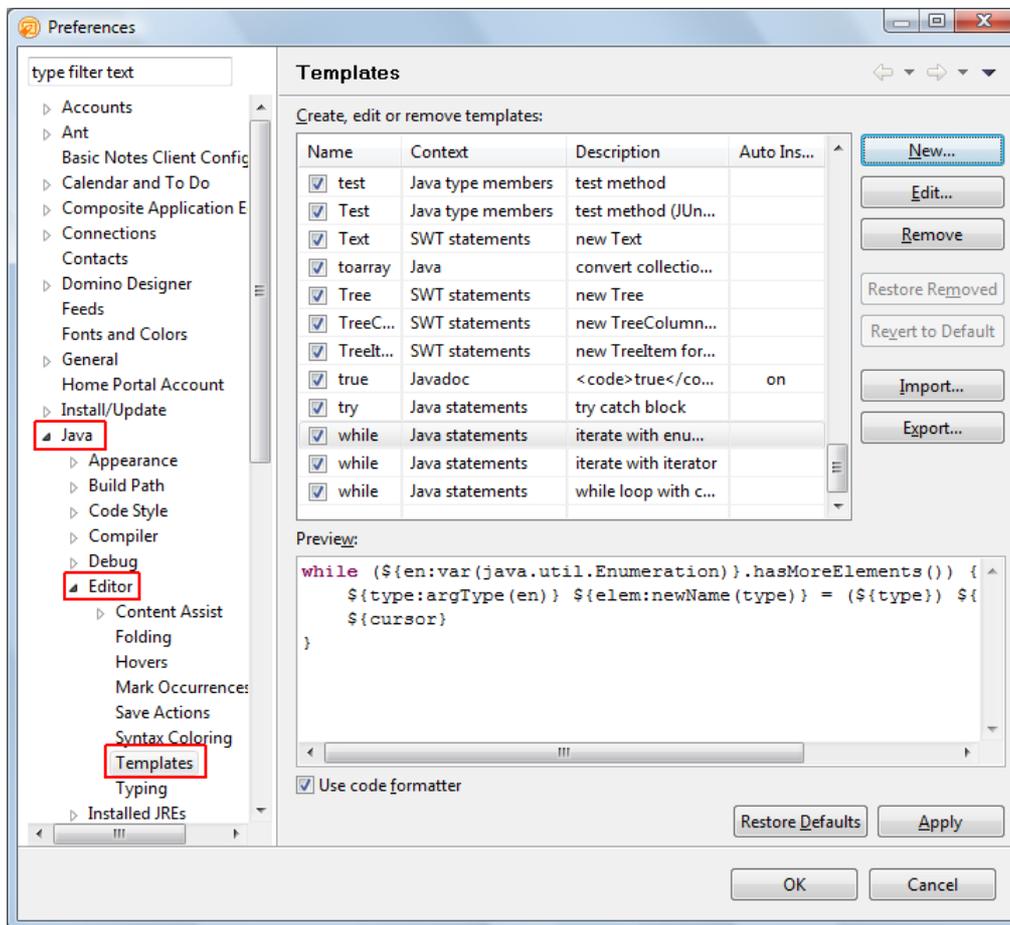# SPECIALIST IN SAGE AND NOTES/DOMINO DEVELOPMENT

Speed up your development using Templates in Domino Designer

June 6, 2013

Eclipse provides a bevy of features which are available to us via Domino Designer. One of them is Templates. It allows us to insert commonly used code and easily customize them. So in your Java editor when you type *while* (and no space after that) then hit *Ctrl+Space* to bring up content assist it shows you sample code to iterate with enumeration, iterator or condition.
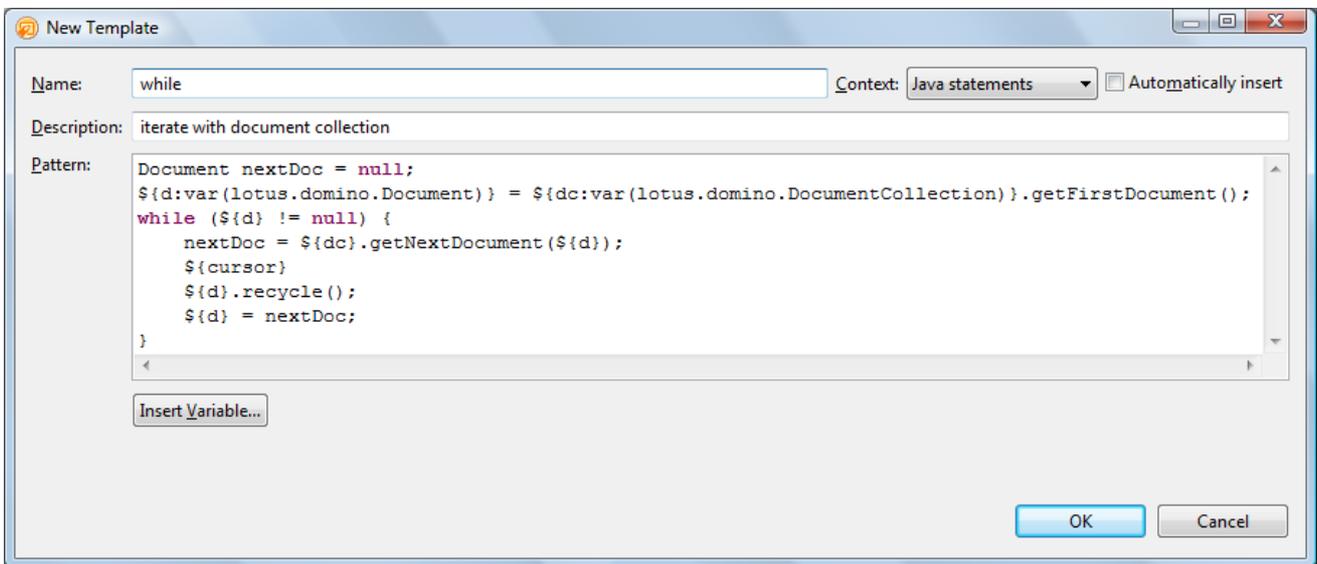

These suggestions come from Templates. You can find them by in your Domino Designer by going to menu "File > Preferences" and in section "Java > Editor > Templates".

You can also add your own templates. For guys like us working in Lotus Notes/Domino one of the common tasks is to loop over documents in a collection or view. So lets create one for it.
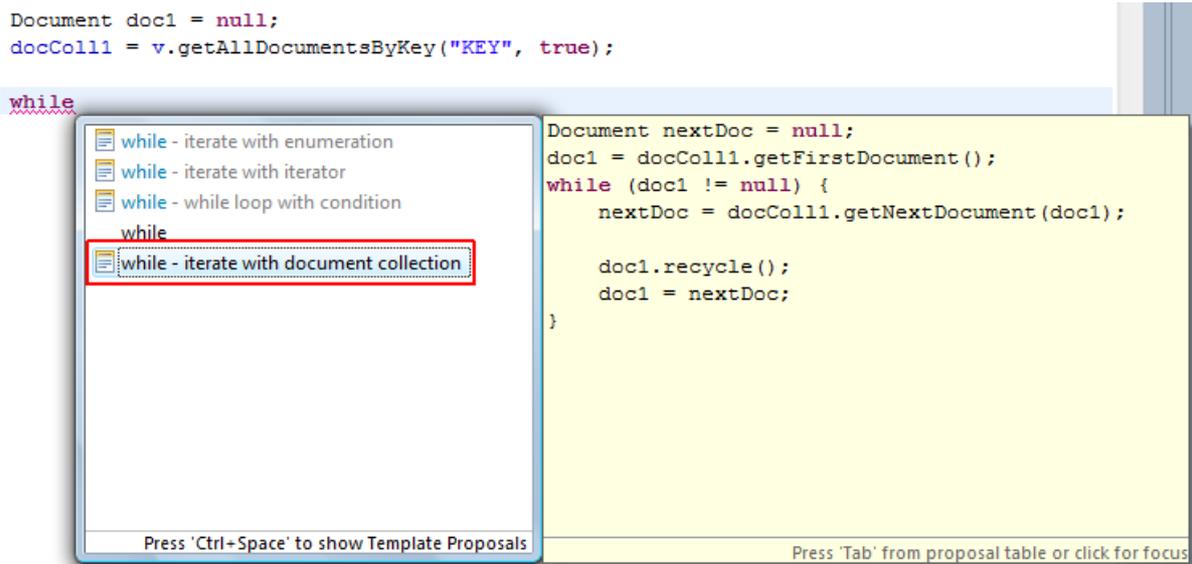
Click on "New" button in Templates Preference window. Enter the details with Name as *while*, Context as *Java statements* & Description as *iterate with document collection*. For pattern use the below code:

```
Document nextDoc = null;
${d:var(lotus.domino.Document)} = ${dc:var(lotus.domino.DocumentCollection)}.getFirstDocument();
while (${d} != null) {
        nextDoc = ${dc}.getNextDocument(${d});
        ${cursor}
        ${d}.recycle();
        ${d} = nextDoc;
}
```

It may look complicated at first but it's fairly simple. I declare and use variables *d* of type *lotus.domino.Document* and *dc* of type *lotus.domino.DocumentCollection*. When this pattern is inserted in code then the variables *d* and *dc* would be replaced by respective variables declared in actual code.

So now if you type *while* (and no space after that) then hit *Ctrl+Space* then content assist would show up a new option of *while – iterate with document collection*.

Choose our while option and voila! Your code is done.

If you want to iterate all documents in view it can be done with a little modification and it would look like this:

```
Document nextDoc = null;
${d:var(lotus.domino.Document)} = ${v:var(lotus.domino.View)}.getFirstDocument();
while (${d} != null) {
        nextDoc = ${v}.getNextDocument(${d});
        ${cursor}
        ${d}.recycle();
        ${d} = nextDoc;
}
```

As of now Templates in Domino Designer do not support JavaScript. If you want to learn more about Templates in Eclipse I recommend reading this article on IBM developerWorks.

Share:

June 6, 2013 [http://www.pipalia.co.uk/using-templates-in-domino-designer/] | by Naveen Maurya | in Domino Designer, java, Templates .

3 Comments

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3 thoughts on "Speed up your development using Templates in Domino Designer"

Paul Withers
June 6, 2013 at 9:13 am

Great tip. I'd also recommend exporting the preferences. Unfortunately you need to go to a non-Domino perspective like Java perspective. But it's very useful for sharing and if you need to restore http://www.intec.co.uk/quick-setup-restore-of-domino-designer/

Naveen Maurya   Post author
June 6, 2013 at 9:53 am

Thanks Paul. Yes I agree if we need to move to new PC we need to export and backup our preferences, but if we need to share just the templates then we can just export those individual templates. In the Templates Preferences window we can select our custom templates and click on "Export..." button. This would export them to XML file 🙂