Help:Code Syntax Highlighting

This Help topic explains how to add highlighting to code markup in your articles.

For more information see: Extension:SyntaxHighlight_GeSHi (Extension Help). Note that this is a "new plugin" and its native syntax differs from that used on the wiki - which we have maintained for backwards compatability.

Inline code

Use `{{Icode|`*your inline code fragment*`}}` to markup up code fragments within the body of text. For example: "Class `CActive` is the base class of all Active Objects". This maps to the HTML <tt> tag.

Note: Replace the equals (=) and pipe (|) characters with the **=** and **|** codes respectively or this will not work.

Code blocks

The wiki allows you to specify code blocks syntax formatted for a large number of programming languages. You can also specify the initial line number of the block (if any) and a line that should be highlighted.

For example

- <code csharp> your code</code> - markup code as C#
- <code xml 5> your code</code> - markup code as XML and start line numbering from line 5
- <code cpp 6 highlight="3"> your code</code> - markup code as C++, start line numbering from line 6, and highlight the 3rd line:

```
int main(int argc,char *argv){
```

```
    int d;
```

```
    d = argc + 1;
```

```
}
```

Syntax

```
<code [language] [n] [highlight="linenumber"] >source code here</code>
```

Parameters

- *language*: Code for any of the supported languages, including C# (csharp), C++ (cpp), XML (xml), Java (java) - see full list here.
- *n*: Line number to start with. A non numeric value (ie "n") will start the list at 001. NOTE that the numbering cycles back to 001 for line numbers greater than 1000.
- *highlight*="*linenumber*" : Marks the specified *linenumber* in highlight (line of the code sample, irrespective of "n" value)

The "default syntax" without parameters is the same as the pre tag: <code>

```
public class MyClass extends SomeOtherClass
{
    public MyClass()
    {
        System.exit(); // surprise, you're dead!
    }
}
```

Examples

Specify language (java)

```
<code java>
```

```
public class MyClass extends SomeOtherClass
{
    public MyClass()
    {
        System.exit(); // surprise, you're dead!
    }
}
```

Line numbers

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```
<code cpp 5>
```

```
int main(int argc,char *argv){
```

```
   int d;
```

```
   d = argc + 1;
```

```
}
```

Highlighting (with line numbers)

```
<code cpp 6 highlight="linenumber">
```

```
int main(int argc,char *argv){
```

```
   int d;
```

```
   d = argc + 1;
```

```
}
```


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