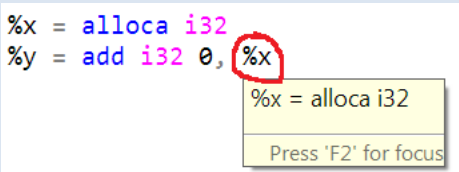
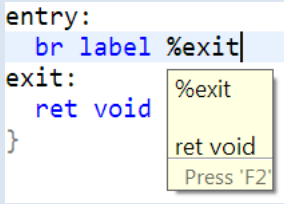
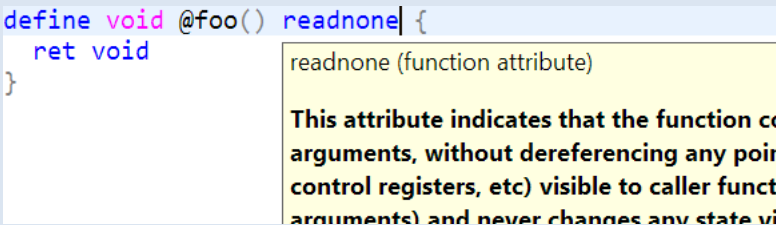
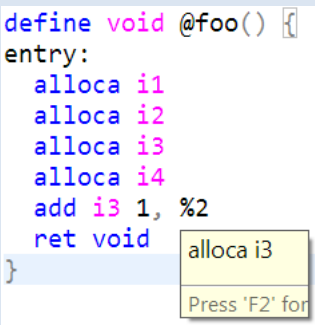
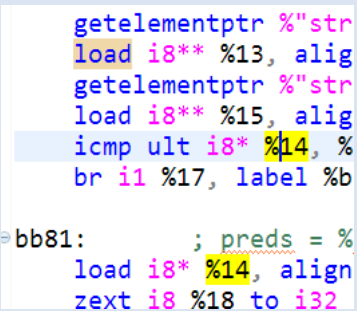
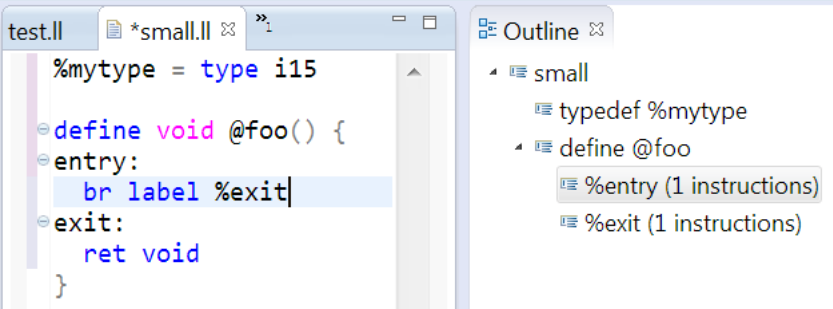


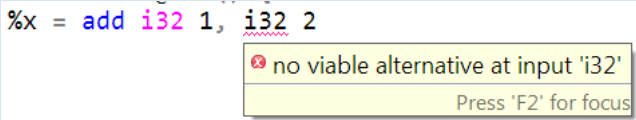
LLVM IR Editor Plugin for Eclipse: Features

Syntax highlighting, which is aware of the complex type system	<pre>load i32 (...)*** %.pre-phi, align 4 getelementptr i32 (...)** %51, i32 9 load i32 (...)** %52, align 4 ; <i32 bitcast i32 (...)** %53 to i32 ("struct.st invoke i32 %54(%"struct.std::basic_streaml to label %bb119 unwind label %lpad</pre>
Hover support for values, including globals and user-defined types	<pre>%x = alloca i32 %y = add i32 0, %x</pre>  <p>Mouse cursor is over the circled %x. For the rest of the screenshots just assume the mouse is hovering over the element just above the popup box.</p>
Hover support for basic blocks, showing the actual instructions in the block (or an excerpt, if the block is very large)	<pre>entry: br label %exit exit: ret void }</pre> 
Built-in documentation on hover for (some) keywords	<pre>define void @foo() readnone { ret void }</pre> 
Inferring names of anonymous elements	<pre>define void @foo() { entry: alloca i1 alloca i2 alloca i3 alloca i4 add i3 1, %2 ret void }</pre> 
(Optional) Marking occurrences of element under cursor, with the option of marking definition and references in different colors	<pre>getelementptr %"str load i8** %13, alig getelementptr %"str load i8** %15, alig icmp ult i8* %14, % br i1 %17, label %b bb81: ; preds = % load i8* %14, align zext i8 %18 to i32</pre> 

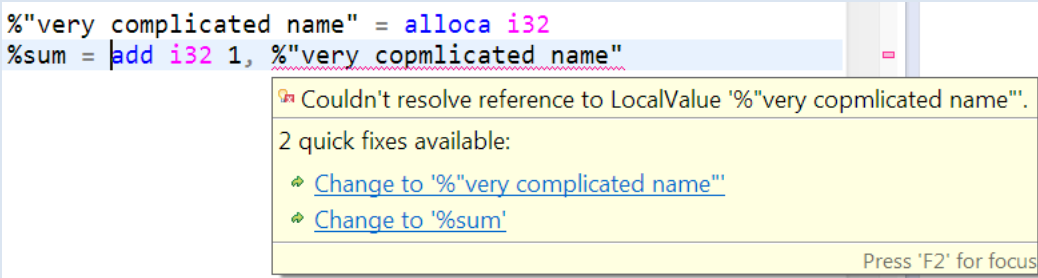
A side window showing an outline of globals, functions and basic blocks in the file, and focusing on the active one



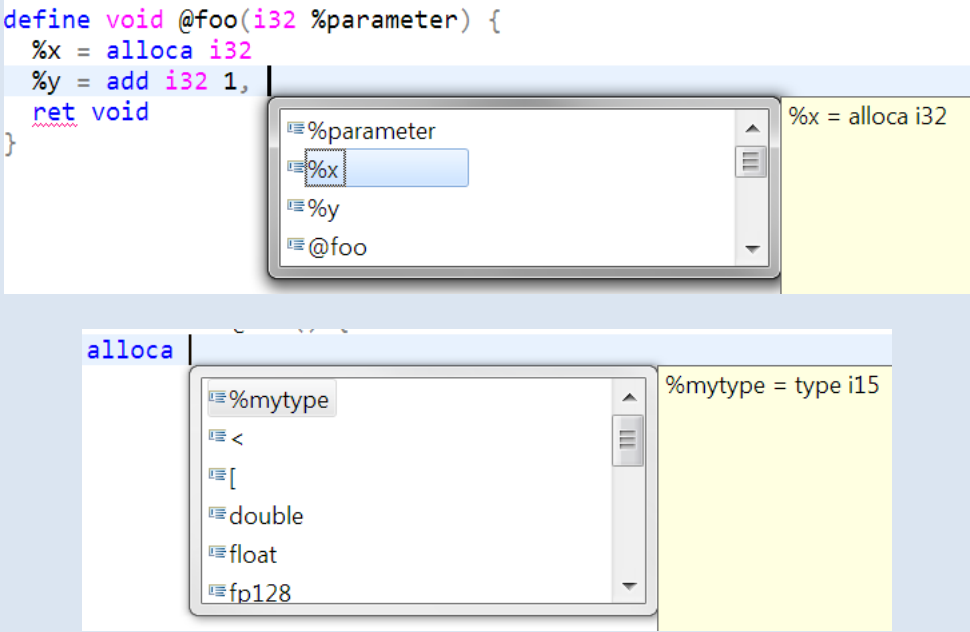
Catching (some) syntax errors



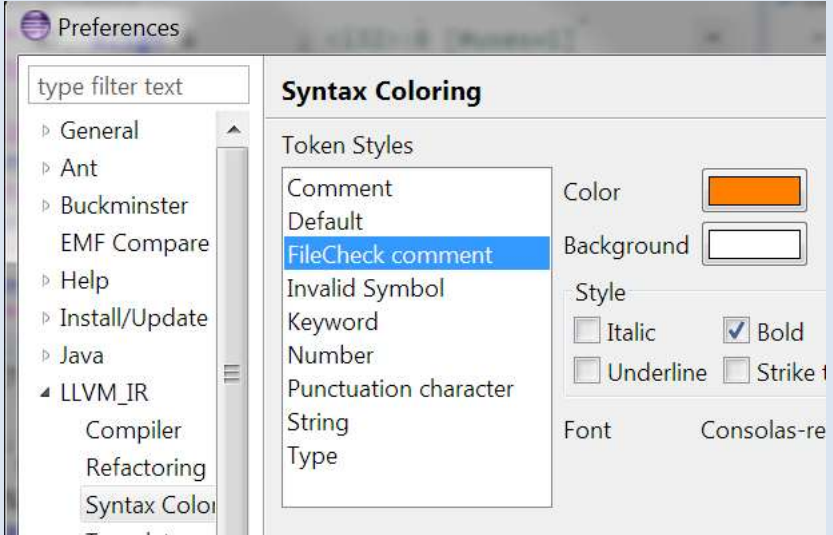
"Quick fix" for elements



Content completion for values, types and basic blocks



Configurable



... and other things that come “for free” with Eclipse, such as

- Spell check in comments
- Incremental and “under cursor” search options
- Shortcuts for commenting and uncommenting blocks of code
- Shortcuts for moving current line / selection up or down
- Shortcut for going to matching parenthesis