

## Re: VB language extensions wishlist

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*Source:*

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2008-02/msg02078.html>

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On Feb 17, 8:43 am, "Schmidt" <[s...@xxxxxxxxxx](mailto:s...@xxxxxxxxxx)> wrote:

Would appreciate it, if we could end up with a true, machine-code-emitting compiler, able to link BreakPoints to Basic-Code.

FreeBASIC is moving to using the backend the GCC compiler which is somewhat language neutral. So FreeBASIC doesn't emit C++ code but rather whatever intermediate codes/files needed by the GCC backend.

It has a downside in that "new" side of FreeBASIC reflects the capabilities and limitations of the backend. For example the new FreeBASIC doesn't have GOSUB RETURN. FreeBASIC preserve QuickBASIC compatibility via a flag `-lang qb` and you get the ability to use GOSUB..RETURN but not the new stuff. I advice checking out the forums.

The thing with the MONO runtime is that it may be easier to adapt that to COM than with the GCC Backend. While .NET isn't backwards compatible it not that different than how COM does things. Plus using the MONO runtime will allow the option to ignore the limitations of COM if a programmers decides to do so.