

Prototype



[Francesco Bellomi](#) 61 posts since

Aug 21, 2002

Hi all,

I really enjoyed reading the article, and basically agree with the whole vision presented there. I work as a software architect, and I already use a LOP perspective while developing software frameworks, even if I currently use only pure java to write them.

I'm eager to test the prototype/plugin, but I could not find it on <http://www.jetbrains.com/mps/index.html>



[Rob Harwood](#) 896 posts since

Sep 10, 2002 1. **Re: Prototype** Nov 16, 2004 11:16 PM

This was old text from a previous draft of the article when we weren't sure what would be available on the MPS site. It was supposed to be removed, but slipped through the cracks. Our apologies.

There will be a prototype in the coming months, but it is not ready yet. We will correct the online version of the article as soon as possible.

Regards,

Rob Harwood



[Jens Voss](#) 405 posts since

Oct 7, 2002 2. **Re: Prototype** Nov 19, 2004 10:56 AM

There will be a prototype in the coming

Prototype

months, but it is not ready yet. We will correct the online version of the article as soon as possible.

Sergey, does it make sense to look at the MPS100 prototype from one year ago which is on your blog? (Of course, I **did** look at it already.) I mean, does what you are working on currently still have anything to do with that old version?

If so, to me it looks like your old prototype covers only the "semantics" part of LOP, not the "editor" or "structure" aspects, is that correct? Will that be different in the prototype that you plan to release soon?

Anyway, I think it looks extremely promising.

Best regards,

Jens



[Sergey Dmitriev](#) 263 posts since

Oct 12, 2001 3. **Re: Prototype** Nov 16, 2004 11:18 PM

That is what we are actually planning as the next step - we'll open the early access to MPS. We just need some time to clean it up. You can subscribe to RSS feed on this page to be notified about that.



[Michael Damberger](#) 792 posts since

Aug 20, 2002 4. **Re: Prototype** Nov 17, 2004 8:32 PM

The article really reads VERY interesting!

But theory is gray, so I'm eagerly waiting for any kind of prototype / the IDEA plugin 😊

Some problems there might be:

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- when looking at foreign MPS code, you have to understand the languages the other developer has designed. It will be important that languages are well designed, e.g. like usage of operator overloading etc.

- Will it be easy to migrate my code, when I want to switch towards a better DSL (if somebody wrote a better DSL for the same problem that I wrote one for)

Best regards,

Michael



[Sergey Dmitriev](#) 263 posts since

Oct 12, 2001 5. **Re: Prototype** Nov 17, 2004 8:56 PM

- when looking at foreign MPS code, you have to understand the languages the other developer has designed. It will be important that languages are well designed, e.g. like usage of operator overloading etc.

It is the same as with class libraries - you need to learn it before using it. But in LOP the environment (editor) will help you to use new language - by providing language-specific editor actions, autocompletion, refactorings, etc. And our experience shows that languages are much easier to learn than libraries, because they can be made much closer to the way people think about the problem domain.

- Will it be easy to migrate my code, when I want to switch towards a better DSL (if somebody wrote a better DSL for the same problem that I wrote one for)

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The fact that programs in MPS are represented as trees and graphs means that you will not need to write parser for such transformation.

We also will provide special language that will allow to query/browse/change programs written in MPS, so yo can write these transformation scripts on a very high level, much easier then using existing approach, i.e. like source code API in IntelliJ IDEA.

So we'll make such kind transformation easier, at least it will become possible in MPS. Now for example it is almost impossible to transform UI code written in Java Swing to .Net's WinForms.



[Michael Damberger](#) 792 posts since

Aug 20, 2002 6. **Re: Prototype** Nov 17, 2004 11:14 PM

well, I really can't wait for the EAP !! 😊

"couple of months" sounds like we have to wait way into

second quarter of 2005 ?



[Francesco Bellomi](#) 61 posts since

Aug 21, 2002 7. **Re: Prototype** Mar 8, 2005 4:35 PM

Hi,

any news/timeframe/roadmap about the LOP plugin prototype?

Francesco



[Miles Parker](#) 14 posts since

Jan 20, 2005 8. **Re: Prototype** Apr 9, 2005 8:22 PM

Please?? 😊

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[Otto von Wachter](#) 64 posts since

Jan 15, 2004 9. **Re: Prototype** May 20, 2005 11:55 PM

well, I really can't wait for the EAP !! 😊

me too!