

Custom Index Manager



Guest

Hi there,

Is there a way to develop a custom index manager, in order to use another index engine (e.g. Windows Desktop Search or Google Desktop) as a backend?

I'm asking this because I would like to concentrate my query in a single search engine. This way, it doesn't matter whether I'm searching from inside Omea or from the desktop, I would find the same results. Moreover, Omea-only items (like feeds) could be indexed in a way that if a desktop-originated query returned an item from Omea, a specially-crafted URL would open the correct item in Omea.

Although I consider Omea an outstanding application, it is not always convenient to have to open its GUI to search for something when I can do the same from my taskbar. Besides, Windows Desktop Search and Google Desktop have lots of file filters, much more than Omea offers right now. Therefore, why can't I leverage those powerful tools in order to create an awesome productivity tool?



Guest 1. **Re: Custom Index Manager** Apr 1, 2006 12:07 AM

Hi guys, is there a chance to get any further info on this?

Hi there,

Is there a way to develop a custom index manager, in order to use another index engine (e.g. Windows Desktop Search or Google Desktop) as a backend?

I'm asking this because I would like to concentrate my query in a single search engine. This way, it doesn't matter whether I'm searching from inside Omea or from the desktop, I would find the same results. Moreover, Omea-only items (like feeds) could be indexed in a way that if a desktop-originated query returned an item from Omea, a specially-crafted URL would open the correct item in Omea.

Although I consider Omea an outstanding application, it is not always convenient to have to open its GUI to search for something when I can do the same from my taskbar. Besides, Windows Desktop Search and Google Desktop have lots of file filters, much more than Omea offers

right now. Therefore, why can't I leverage those powerful tools in order to create an awesome productivity tool?



Guest [2](#). **Re: Custom Index Manager** Apr 3, 2006 4:09 PM

Dear Igor Abade,

I> Is there a way to develop a custom index manager, in order to use
I> another index engine (e.g. Windows Desktop Search or Google Desktop)
I> as a backend?

Sorry for a late answer.

As far as I understand, you've set two independent tasks:

1. let Omea index resources not covered in current list.
2. let outside environment index Omea resources.

While the first task can be solved in Omea (with more or less efforts), and there are several existing patterns which can be applied to different resources

Custom Index Manager

depending on their nature, second task is questionable since it has no interface for exporting resources "on demand" (only "Export Resources list" into XML facility which is to appear in 2.1.5). I can even help you with delivering Omea-oriented protocol URL for its resources, but ability to export everything outside was not considered as primary Omea feature.

best wishes,

Michael Gerasimov,

JetBrains Omea Developer



Guest [3](#). **Re: Custom Index Manager** Apr 3, 2006 7:48 PM

I'm glad you could answer, Michael.

As far as I understand, you've set two independent tasks:

1. let Omea index resources not covered in current list.

Yes, that's it. This is the one of the issues, however not the most important to me.

2. let outside environment index Omea resources.

This is the key point to me. I'd like to be able to completely replace the current indexing engine by a custom made, in order to redirect it to a third-party desktop search engine (like Google's). I believe the easiest way to achieve this would be to replace, via OpenAPI, the current Index Manager by another which implements all of the required interfaces. I think that could not impact adversely in Omea's architecture, perhaps all it takes is refactoring to use an interface instead of a concrete class (just a guess).

While the first task can be solved in Omea (with more or less efforts), and there are several existing patterns which can be applied to different resources depending on their nature, second task is questionable since it has no interface for exporting resources "on demand" (only "Export Resources list" into XML facility which is to appear in 2.1.5).

Actually I don't want a "export on demand" feature, for that would duplicate the indexed content. I want to replace the current indexing engine.

I can even help you with delivering Omea-oriented protocol URL for its resources,

That would be great! Any notifying protocol - TCP/IP, DDE or similar would do the trick, I think.

Custom Index Manager

Best regards,

Igor



Guest [4](#). **Re: Custom Index Manager** Apr 10, 2006 4:49 AM

Michael, I'm reposting this just in case you haven't seen the previous post.

Thanks for your replies.

Best regards,

Igor

I'm glad you could answer, Michael.

>> As far as I understand, you've set two independent tasks: 1. let Omea

>> index resources not covered in current list.

>>

Yes, that's it. This is the one of the issues, however not the most important to me.

>> 2. let outside environment index Omea resources.

>>

This is the key point to me. I'd like to be able to completely replace the current indexing engine by a custom made, in order to redirect it to a third-party desktop search engine (like Google's). I believe the easiest way to achieve this would be to replace, via OpenAPI, the current Index Manager by another which implements all of the required interfaces. I think that could not impact adversely in Omea's architecture, perhaps all it takes is refactoring to use an interface instead of a concrete class (just a guess).

>> While the first task can be solved in Omea (with more or less
>> efforts), and there are several existing patterns which can be
>> applied to different resources depending on their nature, second task
>> is questionable since it has no interface for exporting resources "on
>> demand" (only "Export Resources list" into XML facility which is to
>> appear in 2.1.5).

>>

Actually I don't want a "export on demand" feature, for that would duplicate the indexed content. I want to replace the current indexing engine.

>> I can even help you with delivering Omea-oriented

Custom Index Manager

>> protocol URL for its resources,

That would be great! Any notifying protocol - TCP/IP, DDE or similar would do the trick, I think.

Best regards,

Igor



Guest [5](#). Re: **Custom Index Manager** Apr 11, 2006 2:11 PM

Dear Igor Abade,

I> That would be great! Any notifying protocol - TCP/IP, DDE or similar

I> would do the trick, I think.

Anyway this will be after the 2.2 release, not earlier. We just need to fulfill our promises, and help people with serious problems... Let's return to this issue afterwards, when we will start planning new version.

best wishes,

Michael Gerasimov,

JetBrains Omea Developer

