

AdvancedSearchOption XPages Control

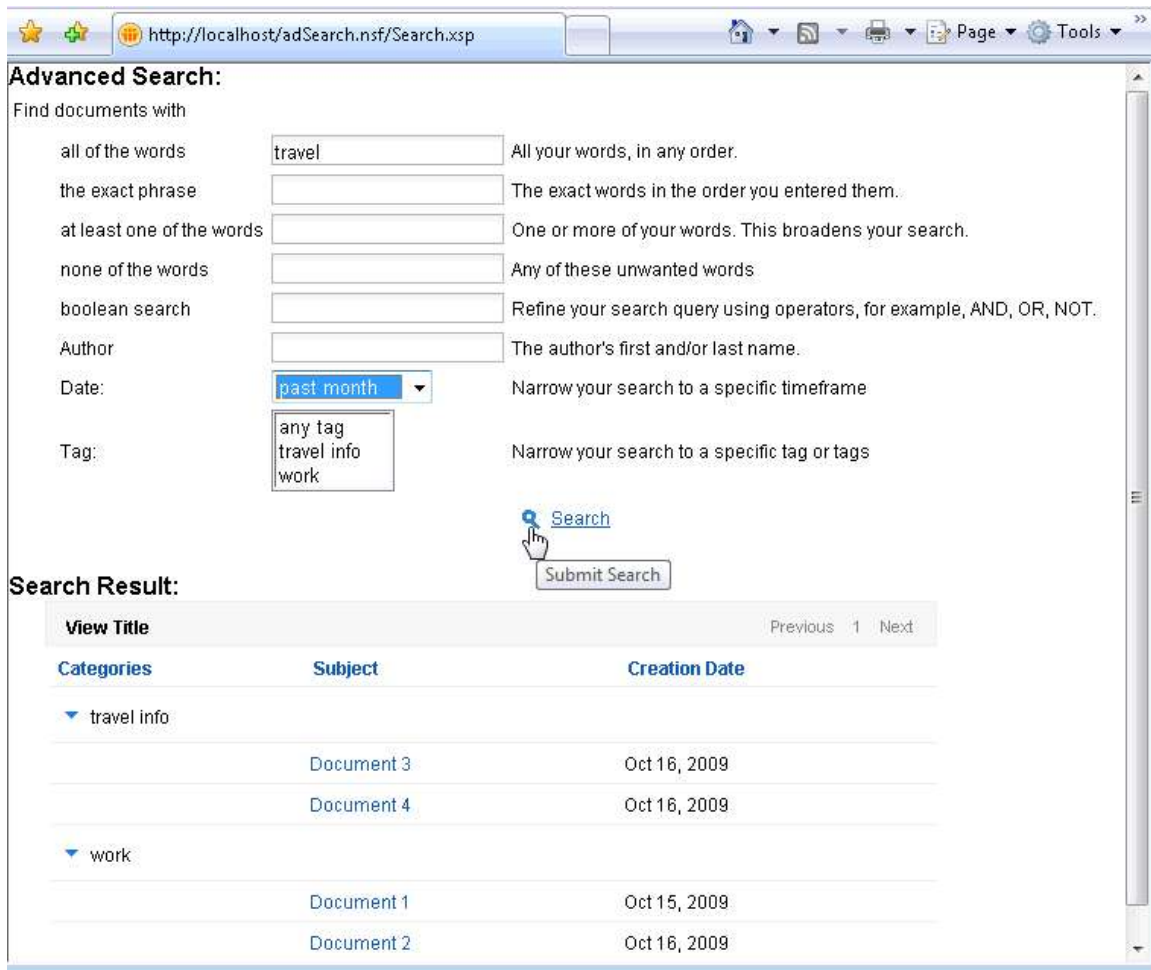
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Platform: Lotus Domino 8.5

Description

This control provides users with below advanced search options UI: (Search query string option, By Author, By Date, By Tag), thus user can search Notes document/Responses of specified multi tag (eg. "Work") within past 24 hours/past week/past month/past year.

The control has been implemented as custom XPages control which can easily be re-used in custom applications.

Screenshot



How to run and try the AdvancedSearchOption

Notes client:

- Copy adsearch.nsf from adsearch.zip in your Notes data directory (e.g. c:\notes\data)
- Open adsearch.nsf in Lotus Notes, create Full Text Index.
- Open adsearch.nsf in Domino Designer
- Select XPage 'Search' and invoke the menu action 'Design-Preview in web browser-Default browser'
- Enter Search query, then click 'Search' button, the search result will be displayed.
- Click the link(underlined subject) in search result, will open the found document in customized ShowDoc.xsp.

Domino server:

- Copy adsearch.nsf from adsearch.zip in your Domino data directory (e.g. c:\domino\data)
- Open adsearch.nsf in Lotus Notes, create Full Text Index.

- Open adsearch.nsf in Domino Administrator and sign the database
- Open a web browser and navigate to the 'Search' XPage (e.g. [Http://127.0.0.1/adsearch.nsf/Search.xsp](http://127.0.0.1/adsearch.nsf/Search.xsp))
- Enter Search query, then click 'Search' button, the search result will be displayed.
- Click the link(underlined subject) in search result, will open the found document in customized ShowDoc.xsp.

How to re-use control in custom application

- Copy the following design elements from adsearch.nsf in your nsf or ntf:
 - Custom control: adSearchOption
 - JavaScript library (server): xpadSearch
 - Image: Search_icon.gif
- Create a XPage (eg. Search.xsp), add the Custom control 'adSearchOption' to the page, set the control's property 'xpageURL' to the new XPage name 'Search.xsp'.
- Add view control to above XPage, set view's property 'search' to computed value 'param.searchValue'.

Sample:

```
<xp:dominoView var="byCategory" viewName="By Category"
search="#{javascript:param.searchValue}">
</xp:dominoView>
```

- If you're customize standard Discussion(8.5) application, you can also add custom control 'allDocumentsView' to display search result. This need to set the Xpage's resources property: set bundle to '/strings.properties', add Script Library '/xpServerSide.jss'.

Sample:

```
<xp:this.resources>
  <xp:script src="/xpServerSide.jss" clientSide="false"></xp:script>
  <xp:bundle var="res" src="/strings.properties"></xp:bundle>
</xp:this.resources>
```

- Dependency: 'Tag' List Box has dependency on Notes application view “By Category”.

Custom control: adSearchOption

This is the core custom control of the Search Option. There is one property 'xpageURL' which be used to set to the target XPage name when adding to your Xpage, provide advanced search option. This is set within the custom control's properties when adding to your XPage.

<i>Property name</i>	<i>Type</i>	<i>Default</i>	<i>Description</i>	<i>Sample value</i>
xpageURL	string	""	Set to the target Xpage name when adding to your Xpage.	"Search.xsp"

Sample:

```
<xc:adSearchOption xpageURL="Search.xsp"></xc:adSearchOption>
```

Server side JavaScript library: xpadSearch

Class xpadSearch

<i>Methods</i>	<i>Input</i>	<i>Output</i>	<i>Description</i>
searchcriteria	-	string	returns the search query

The class xpadSearch is initialized automatically by clicking the "Search" button within the custom control adSearchOption.