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# NatSearch

Search facility for the NatSkin.

## Description

NatSearch unifies the Jump & Search boxes known from the standard distribution. It uses one input field to either jump to a topic or perform a query. You can even use it as a quick way to create and edit new topic by entering `e:NewTopic` into the input field.

NatSearch is heavily inspired by the PhotonSearch by Esteban Manchado Velázquez.

## Usage

NatSearch basically first tries to find the named topic and jumps to it if it exists. If not a combined topic+content search is started. If the topic matches a "web.topic" pattern then the topic is searched in the given web. If the topic does not exist in this web the following topic+content search will be conducted in the web. That is, you can search for content in a given web using a "web.keyword" pattern.

The search string may be prefixed with a set of options that are separated from the rest of the search string with a colon(:). Known options are:

Option	Description
e(dit)	edit the named topic; note, that this does not perform any search operation
n(new)	same as e but create a new topic, the named topic must not exist
g	global search (default is local)
l	local search
k	do a keyword match

A search string may consist of a list of terms that are retrieved. If a term shall contain spaces it can be surrounded by double quotes. Each term may be preceded with a minus (-) to exclude this term from the hit set.

## Examples

Search	Description
WikiUsers	if the current web is the Main go to the WikiUsers
e:Sandbox.TestTopic411	edit Sandbox.TestTopic411
g:"Good morning" -natskin	list all topics that contain the term "Good morning" but not "natskin"
g:copyright -webpref	list all topics that contain the word "copyright" but not "webpref"
g:WikiUsers	list all topics in all webs whose name match "WikiUsers"
System.graphics	search for "graphics" in the System web

## Configuration











NatSearch can be restricted to certain webs and topics by setting WebPreferences. Besides the NOSEARCHALL feature of every web that excludes a web from search the following variables restrict the hit set:

Name	Description
NATSEARCHINCLUDEWEB	a regular expression that must match webs to be considered

Name	Description
NATSEARCHEXCLUDEWEB	a regular expression that must not match a web
NATSEARCHINCLUDETOPIC	a regular expression that must match a topic in the hit set
NATSEARCHEXCLUDETOPIC	a regular expression that excludes a topic from the hit set
NATSEARCHGLOBAL	'on' searches in all public webs, 'off' restricts search to the current web (default), same as the g option
NATSEARCHKEYWORDS	'on' searches for full words only, ' off' tries to match substrings also (default)
NATSEARCHLIMIT	limits the number of topics to show, defaults to all
NATSEARCHIGNORECASE	'on' or 'off', the default is case insensitive
NATSEARCHTEMPLATE	configure application-specific search templates topic

The WebPreferences variable NATSEARCHTEMPLATE can be set to a template topic that is used instead of the skin's search template. This can be used in WikiApplications to define a customized look of search results.

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Topic revision: r2 - 15 Jan 2009 - 17:19:09 - ProjectContributor

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