

QNAP

Qsirch

PC Edition

Powerful file searching for Windows



Can not find the right file you need on PC?



Don't remember the file name



Don't remember where the file stored



Windows' search spends too long time



Qsirch *PC Edition*



An easy, fast and powerful tool to search data!



Full-text
Search



AI search



Multiple
Filters



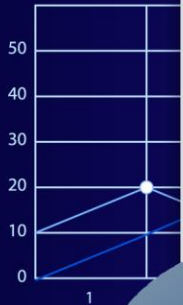
Support 50+
file types



Instant
Preview



Workflow
Integration



Qsirch **PC Edition**

Search data stored in everywhere by Qsirch PC Edition



Qsirch PC Edition finds everything that you don't remember where it is stored



After you archive the data to NAS or public clouds, it is hard to search data from different storage source.

Qsirch PC Edition can not only search data stored in local PC, but also NAS and public clouds.



Pre-index and quickly search files in the local PC & Qsync folder.



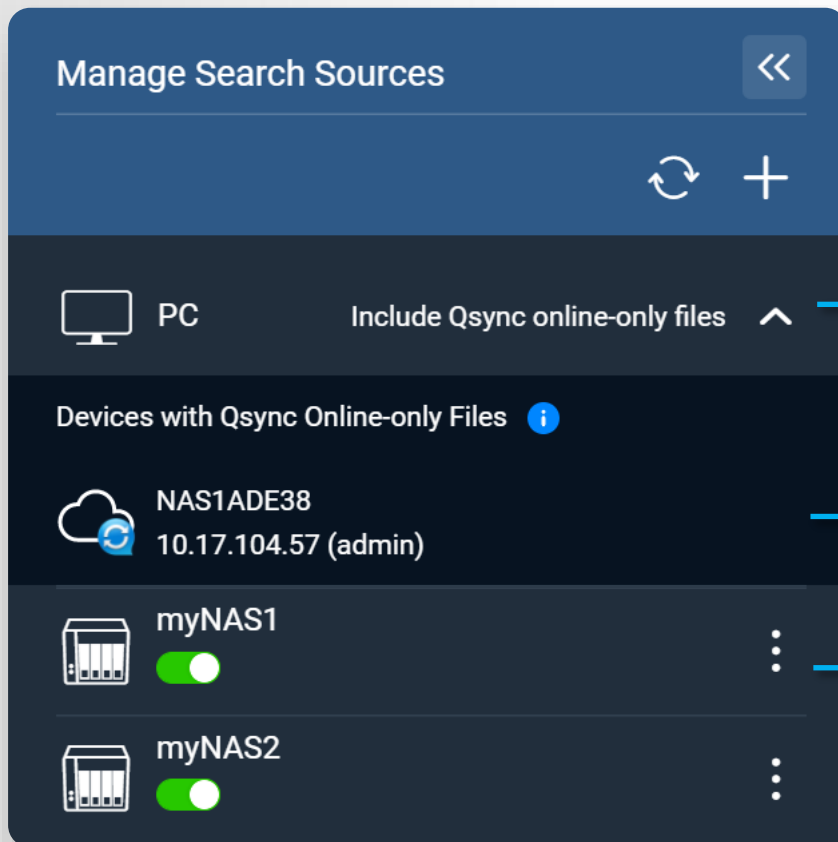
Login and connect to your NAS to search data in NAS by Qsirch.



Connect to your cloud storage by HybridMount in NAS and search data stored in the cloud via searching NAS.
With NAS caching, the file on the cloud can be searched quickly.

Qsirch PC Edition is unable to search through data in network drive created by official cloud app unless the data is copied to the computer.

Find everything from 3 search sources



1

Local PC

Find every data in the PC.

2

Qsync folder

Support to search both online-only and locally available data.

Qsync client 5.0.2 and above is required.

3

NAS

Connect and access to search data in the NAS.

Qsirch 5.2.0 and above is required on NAS.

Search Qsync online-only and locally available data



Find both online-only and locally available data

Search results ☰ 🗃️ 🔗 🗑️ 📄 🔍

About 47 results Page / 1 < > Item(s) per page:



2021_Qsirch PC Edition_ENG
Can not find the right file you need on PC? Don't remember the file name Don't remember where the f
🕒 Date modified: 2021/09/15 17:57:09
📄 File size: 20.27 MB
📄 [C:\Users\qnap\Qsync\slides\2021_Qsirch PC Edition_ENG.pptx](#)
QNAP_Josh Chen



200716_Qsirch_5_CHT
Qsirch 5.0 檔案管理 與搜尋解決方案再升級 QNAP 檔案管理與搜尋解決方案 Qfile 自動上傳 NAS 資料 資料索引 排除索引 File Station 手動上傳 Qsync 檔案同
🕒 Date modified: 2021/06/28 11:21:44
📄 File size: 47.74 MB
📄 [C:\Users\qnap\Qsync\slides\200716_Qsirch_5_CHT.pptx](#)

View file ✕



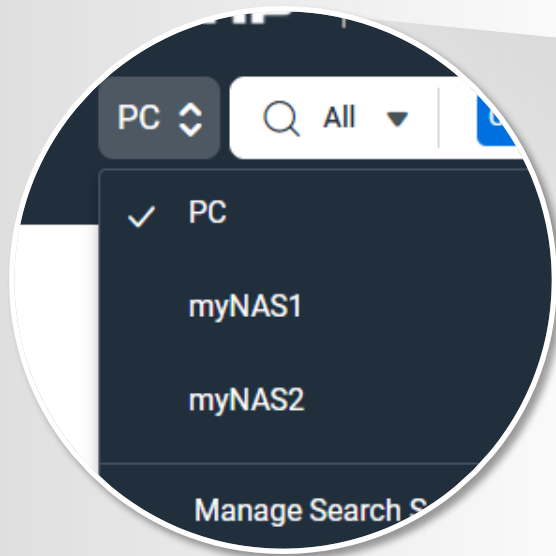
2021_Qsirch PC Edition_ENG
pptx - 20.27 MB

[Open file](#) ⋮

Search from different sources with the same conditions



Switch the search source and keep the search conditions to let you search data in different locations.



QNAP | Qsirch PC Edition Plus

PC | All | Category PowerPoint x (QNAP OR NAS) AND Qsirch

- ✓ PC
- myNAS1
- myNAS2
- Manage Search Sources

Page 1 / 1 | Item(s) per page: 50

Filter

Include Exclude

■ Date modified

- Today (0)
- Yesterday (0)
- Previous 7 days (0)
- Previous 30 days (0)
- YYYY/MM/DD - YYYY/MM/DD

■ Size

- < 100 bytes (0)
- 100 bytes - 10 KB (0)
- 10 KB - 1 MB (0)
- 1 MB - 100 MB (12)
- 100 MB - 10 GB (1)

2021_Qsirch_PC_Edition_ENG.pptx
Date modified: 2021/09/15 17:57:09
File size: 20.27 MB
C:\Users\qnap\Qsync\slides\2021_Qsirch_PC_Edition_ENG.pptx
QNAP_Josh Chen

200716_Qsirch_5_EN.pptx
Qsirch 5.0 upgrade file management ... released when Qsirch is idle and ... Qsirch can search the photos by
Date modified: 2020/08/04 16:58:21
File size: 49.94 MB
C:\Users\qnap\Qsync\slides\200716_Qsirch_5_EN.pptx
QNAP_Josh Chen

Qsirch **PC Edition**

**Powerful search engine
provided by Qsirch PC
Edition**



6 search tools help to find everything in PC



1

Full-text Search

Find the document and email with the keyword in the content.

2

Boolean Search

Flexible search conditions are combined by Boolean operators.

3

Search by File Category

Browse and narrow search results by specific file category.

4

Filter Conditions

35+ filter conditions let you find data even without keywords.

5

Index Summary

See the file distribution on the local PC and search by tags.

6

AI Image Search

The AI-powered search engine intelligently detects image contents.

1

Find document by **full text search** even if you forget the file name



When searching documents or emails, you can find the files with keywords in the content.

The screenshot shows a search interface with a document preview on the left and a 'View keywords' popup on the right. The document preview includes a table of contents with the following items:

- [Getting Started Qsirch PC Edition](#)
- [Can I use Qsirch PC Edition to search my PC data as well as NAS data?](#)
- [Do I need a NAS to use Qsirch PC Edition? Does Qsirch PC Edition require me to install Qsirch on my NAS?](#)
- [Do I need a license to use Qsirch PC Edition?](#)
- [Why does Qsirch PC Edition need to index my data?](#)

The 'View keywords' popup displays the following text:

Most relevant paragraphs:

Getting started with **Qsirch** PC Edition Where can I download the **Qsirch** PC edition? What platform s is available for **Qsirch** PC Edition? You can download **Qsirch** PC Edition here. **Qsirch** PC Edition i s only available to Windows 10 version 2004 and above versions. At least 8 GB is recommended f or optimal performance. Can I use **Qsirch** PC Edit ion to search

my PC data as well as NAS data? Yes, you can a ccess and search data on multiple NAS and PC. You can add NAS as new search sources in the "Manage Search Source" panel opening by the b

A blue callout box with an arrow pointing to the word 'Qsirch' in the popup text contains the text: "View keywords and instant preview related paragraphs after searching."

2

Flexible search conditions are combined by **Boolean operators**



An user-friendly interface to setup Boolean search conditions.

Advanced Search

Find pages with...

All of these words	Qsirch	AND
Exact word or phrase		
Any of these words	QNAP NAS	OR
None of these words	Qfiling	NOT

Narrow results by...

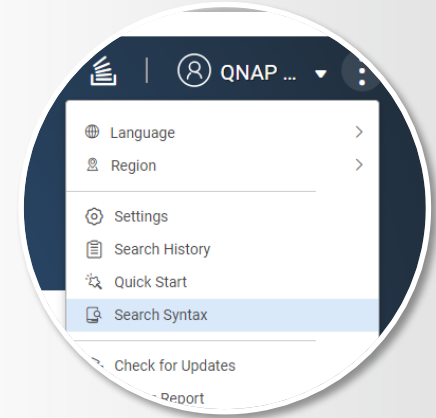
Filenames containing these keywords:

Category: Documents

Date modified: -- Select a date range --

Size: > Type size here KB

Search



[See search syntax tutorial here!](#)

You can also use search syntax and operators in the search bar:

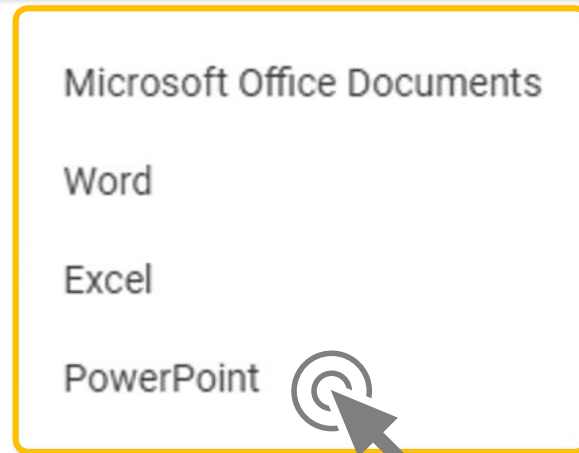
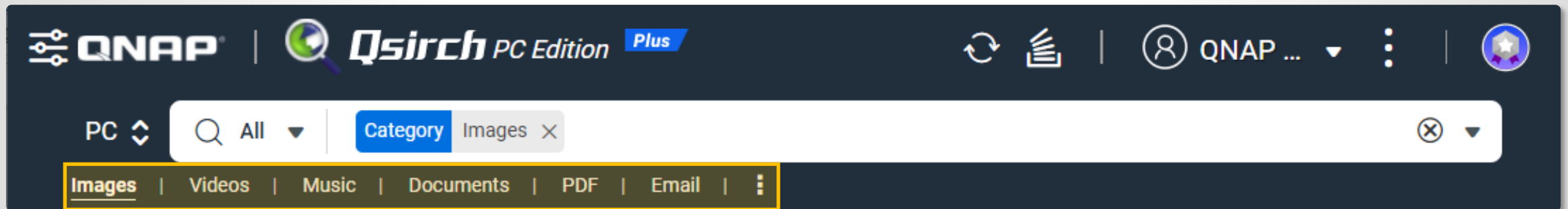
```
(QNAP OR NAS) AND -Qfiling AND Qsirch AND category:Documents
```

3

Browse and narrow search results by specific **file category**



- Search with one click by 10 categories.
- Narrow the search results using file category as filter.



4

35+ filter conditions let you find data even without keywords



35+
filter conditions

Filter

Include Exclude

■ Date modified

- Today (2)
- Yesterday (0)
- Previous 7 days (2)
- Previous 30 days (2)
- YYYY/MM/DD - YYYY/MM/DD

■ Size

- < 100 bytes (0)
- 100 bytes - 10 KB (1)

Only show available metadata conditions belong to the results

Flexible

Filter

Include Exclude

■ Date modified

- Today (2)
- Yesterday (0)
- Previous 7 days (2)
- Previous 30 days (2)
- YYYY/MM/DD - YYYY/MM/DD

■ Size

- < 100 bytes (0)
- 100 bytes - 10 KB (1)

Include or Exclude
Depends on your needs

Quickly Specify

Keywords

Q m

- MaBelle.com (198)
- mood (144)
- model (93)
- Female (78)
- MBLife (75)

■ Author

- Cheng Liu (32)
- Ryan Hafey (20)
- Picasa (19)
- Dan Dragos (14)

Search function for filter conditions

Customized

Filter

Customize filters and sorting based on file types.

Filter condition	Show in Filter	Order
Date modified	<input checked="" type="checkbox"/> Show	↓
Size	<input checked="" type="checkbox"/> Show	↓
Author	<input checked="" type="checkbox"/> Show	↓
Exposure time	<input checked="" type="checkbox"/> Show	↓
F number	<input checked="" type="checkbox"/> Show	↓
Flash	<input checked="" type="checkbox"/> Show	↓
Focal length	<input checked="" type="checkbox"/> Show	↓
Image size	<input checked="" type="checkbox"/> Show	↓
ISO equiv.	<input checked="" type="checkbox"/> Show	↓

Adjust the **sort of filters** by your preferences

5 Explore PC with the **Index Summary**



Index Summary

File Type	Percentage
Images	93.64%
PDF	3.9%
Word	0.95%
Music	0.91%
PowerPo...	0.41%
Excel	0.09%
Email	0.06%
Videos	0.04%

Images [10,696 files](#) (93.64%, 1014.67 MB)

Click a tag that matches the files you want to view.

Date taken: 2019 <=<2018

Camera make: Canon NIKON CORPOR...
Apple Phase One HTC

Lens model: Canon EF-S 18-1...
iPhone 5 back c...
80-400mm f/4.5...
iPhone 6s back ...
50.0mm f/1.4

Author: Carlos Alvarez Kevin Winter
ANDER GIL ENEA

Easy to view how your files are distributed in PC.

Click tags to view files with common features.

6

The AI-powered search engine intelligently detects image contents



The screenshot shows the QNAP Qsirch PC Edition interface. The search bar at the top contains 'All', 'Category', 'Images', 'Image Content', and 'Animals'. Below the search bar, there are navigation tabs for 'Food (5355)', 'Animals (5045)', 'Transportation (4883)', 'Sports (4662)', 'Greenery (4330)', and 'Events and Entert...'. The search results section shows 'About 5,045 results' and a grid of image thumbnails. On the right, a 'Filter' panel is visible with sections for 'Include' and 'Exclude'. Under 'Include', there is a 'Things' section with a search icon and a list of categories: Animal (5,044), Dog (962), Bird (735), Cat (280), and Insect (271). Other filter sections include 'Author' (hsst30630 (1)) and 'Color' (Gray (1,666), White (637)).

16 categories

More than 400 classes things in total

You can browse and search image with categories that is automatically detected by AI.

Qsirch **PC Edition**

Data preview & workflow integration



Preview or open search results as you wish



1

Sort by Relevance

Show files that most likely to be relevant to query at the top.

2

Timeline View for Image

Quick view and find the photo taken on the specific date.

3

Instantly Preview

Preview documents, emails and multimedia files.

4

Open by Windows App

Open the file in file explorer or using Windows app.

5

Smart Recommendation

Recommend other files you may also be interested.

1

Show files that most likely to be **relevant** to query at the top



- Qsirch sorts the search results based on the frequency of keywords occur in the document and entire set.
- The most relevant files you may interested are shown at the top.

The screenshot shows the Qsirch PC Edition Plus search interface. The search bar contains 'PowerPoint' and 'Qsirch'. The search results are sorted by relevance, with the top results being '200716_Qsirch_5_CHT.pptx' and '200716_Qsirch_5_EN.pptx'. A yellow box highlights the 'Sort by relevance' option in the filter menu, which is being selected by a mouse cursor.

Search results

About 16 results

Page 1 / 1

Item(s) per page

Filter

- Sort by relevance
- Sort by name
- Sort by size
- Sort by modified

Exclude

Previous 30 days (0)

YYYY/MM/DD - YYYY/MM/DD

Size

- < 100 bytes (0)
- 100 bytes - 10 KB (0)
- 10 KB - 1 MB (1)
- 1 MB - 100 MB (14)
- 100 MB - 10 GB (1)

200716_Qsirch_5_CHT

Qsirch 5.0 檔案管理 與搜尋解決方案再升級 QNAP ... 一張朋友的照片, 使用 Qsirch 找出 NAS中含有該 ... 排程, 每次任務重新進行 Qsirch 搜尋, 並將搜尋結果作為歸 ... N TS-45

Qsirch 5.0 檔案搜尋解決方 ...

Date modified: 2021/06/28 11:21:44

File size: 47.74 MB

C:\Users\qnap\Qsync\slides\200716_Qsirch_5_CHT.pptx

QNAP_Josh Chen

200716_Qsirch_5_EN

... released when Qsirch is idle and ... Qsirch 4.3 Qsirch 4.1 Indexing ... friend and Qsirch can help to ...

Date modified: 2020/08/04 16:58:21

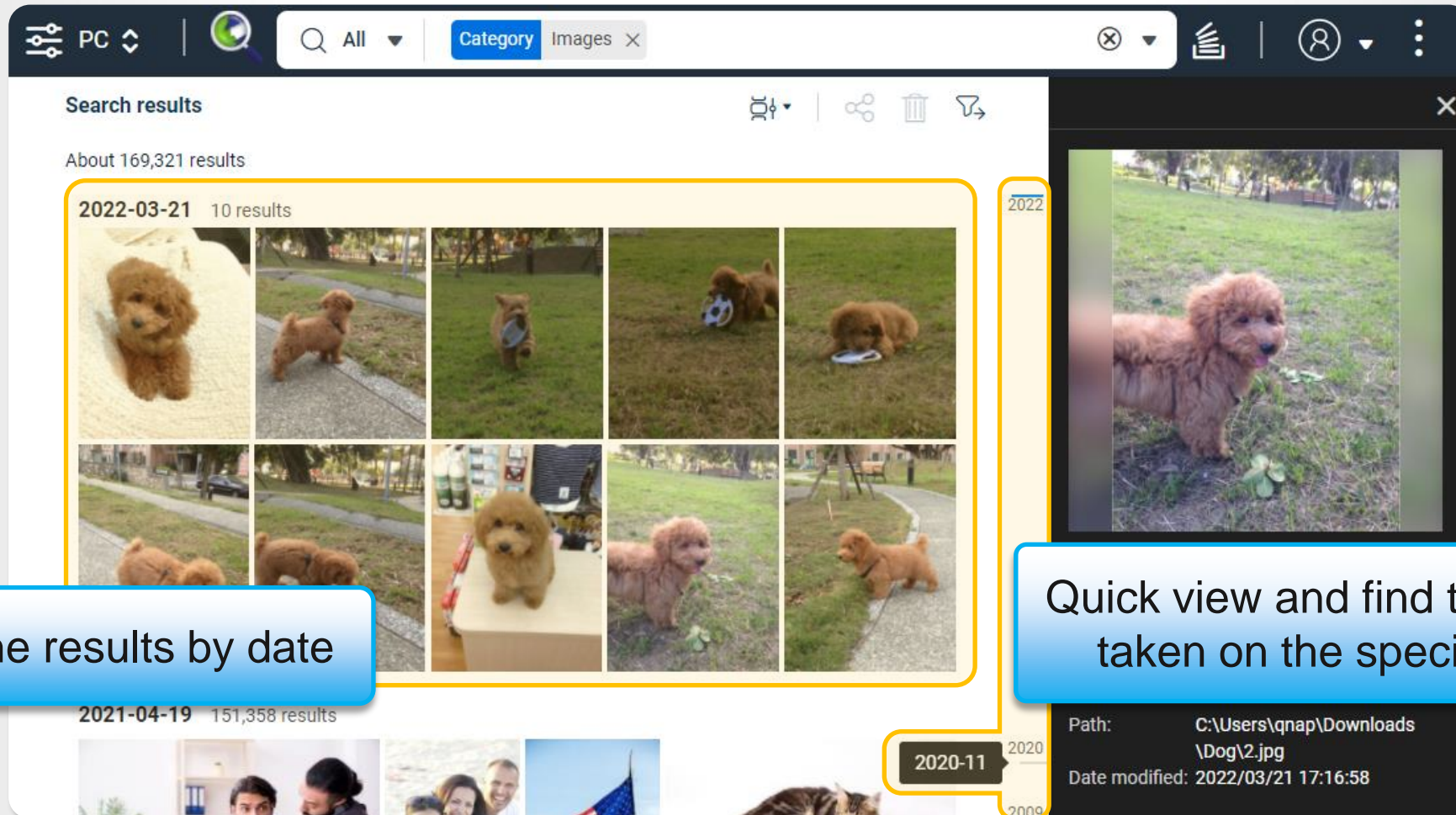
File size: 49.94 MB

C:\Users\qnap\Qsync\slides\200716_Qsirch_5_EN.pptx

QNAP_Josh Chen

2021_Qsirch PC Edition_ENG

2 Timeline View for Image



Group the results by date

3

Instantly preview documents and multimedia files



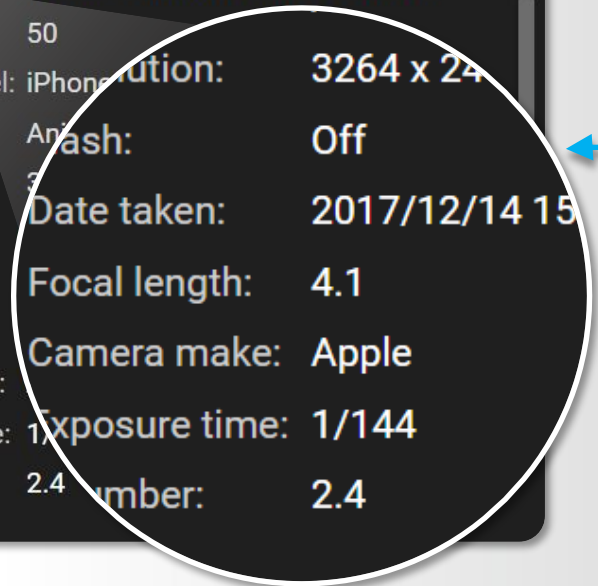
With previewing the search results, you don't need to open files one by one to check them.

You can preview documents, emails, images, musics and videos.

The screenshot shows a file explorer window with a preview pane on the left and a metadata pane on the right. The preview pane displays a photo of a brown dog in a grassy field. The metadata pane lists the following information:

1IMG_3116	
JPG - 3.29 MB	
Path:	C:\Users\...stems Inc\1IMG_3116.JPG
Date modified:	2021/02/26 15:44:45
Lens model:	iPhone 5 back camera 4.12mm f/...
ISO equiv.:	50
Camera model:	iPhone5,2
Resolution:	3264 x 2448
Flash:	Off
Date taken:	2017/12/14 15:44:45
Focal length:	4.1
Camera make:	Apple
Exposure time:	1/144
F number:	2.4

You can also see all information of the file.



3

Preview keywords for documents



When searching documents or emails, you can view the keywords in the content.

The screenshot shows a document viewer interface. At the top, there are navigation icons and controls for 'Item(s) per page' (set to 50) and 'Item(s) per row' (set to 2). The main content area displays a document with several paragraphs. A blue box highlights a specific paragraph: "Can I use Qsirch PC Edition to search my PC data as well as NAS data? Yes, you can access and search data on multiple NAS and PC. You can add NAS as new search sources in the 'Manage Search Source' panel opening by the button in the upper left corner." Below this, there are more paragraphs and a link: "Getting Started Qsirch PC Editon".

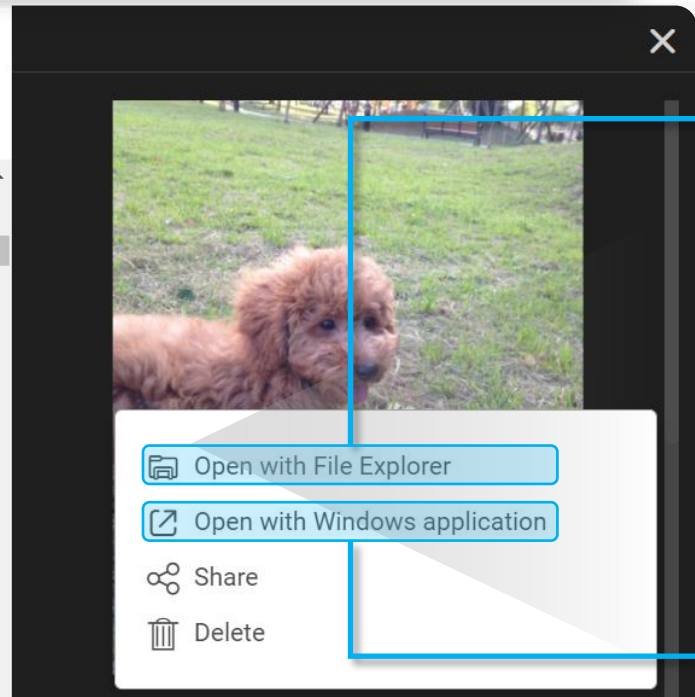
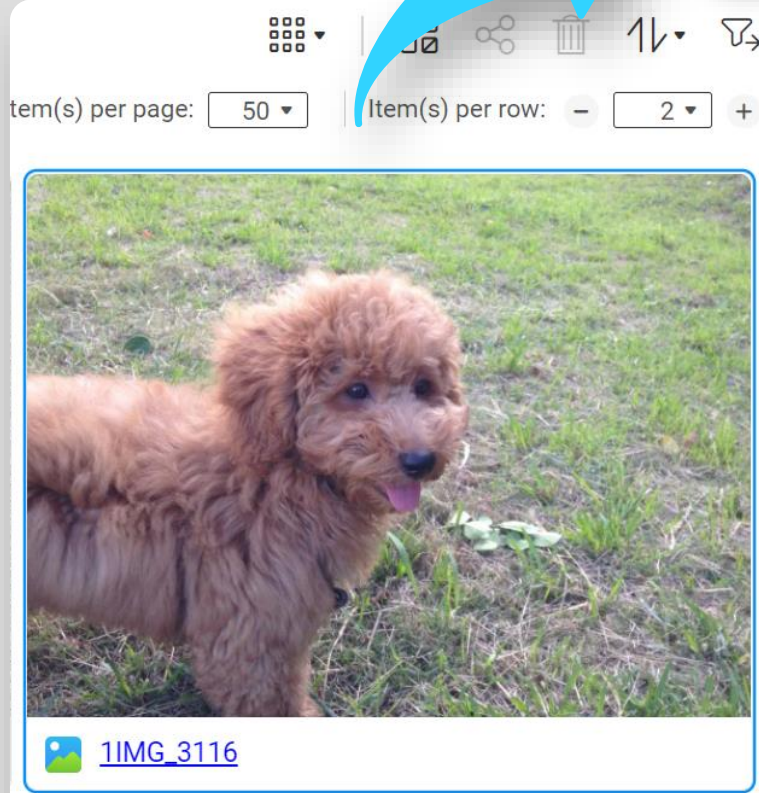
Overlaid on the right side is a 'View keywords' popup window. It has a title bar with a toggle switch and a close button. The main content of the popup is titled "Most relevant paragraphs:" and lists several paragraphs with the word "Qsirch" highlighted in yellow. An arrow points from the highlighted word in the popup to the corresponding word in the document viewer. At the bottom of the popup, there is an "Open file" button and a menu icon.

View keywords and instant preview related paragraphs after searching.

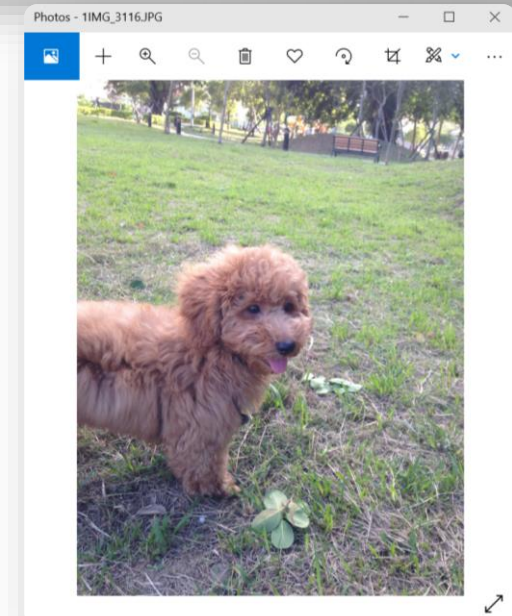
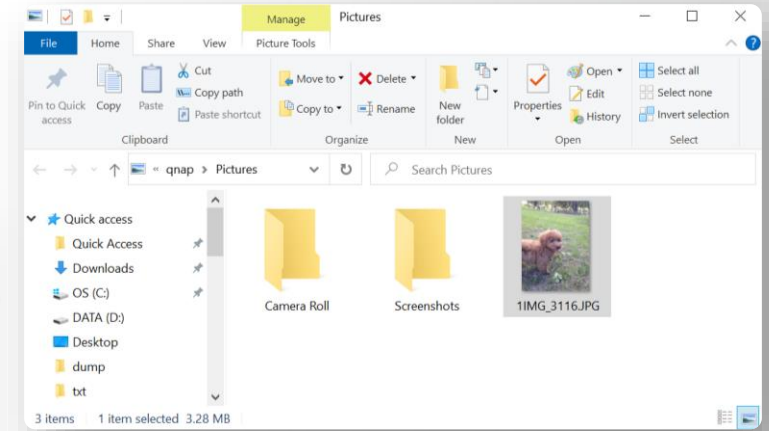
4 Integration with Windows apps



Drag and drop to move, copy, and share data to other apps.



Open with File Explorer or Windows apps for your following workflow and file operations.



5

Smart Recommend other files you may also be interested



The screenshot shows a search interface with the following elements:

- Search bar:** Contains 'All' and 'Category PowerPoint x Qsirch'.
- Search results:** Shows 'About 16 results' and 'Page 1 / 1'. The first three results are:
 - Result 1: 'ch 5.0' (NAS中含有該... 排程, 每次任務重新進行 Qsirch 搜尋, 並將搜尋結果作為歸... NTS - 453D Qsirch 5.0 檔案搜尋解決方...), Date modified: 2021/06/28 11:21:44, File size: 47.74 MB.
 - Result 2: 'ch 5.0' (... released when Qsirch is idle and ... Qsirch 4.3 Qsirch 4.1 Indexing ... friend and Qsirch can help to ...), Date modified: 2020/08/04 16:58:21, File size: 49.94 MB.
 - Result 3: 'rch PC Edition' (... 3 See how Qsirch PC Edition work ... everywhere by Qsirch PC Edition ... Qsirch PC Edition can not only), Date modified: 2021/09/15 17:57:09, File size: 20.27 MB.
- File preview:** Shows details for '2021_Qsirch PC Edition_ENG.pptx - 20.27 MB'.
 - Path: C:\Users\qnap\Qsync\slides\2021_Qsirch PC Edition_ENG.pptx
 - Date modified: 2021/09/15 17:57:09
 - Author: QNAP_Josh Chen
 - Title: Qsirch PC Edition: Pow...
- You might like:** A section highlighted in yellow, showing a list of recommended files:
 - 200716_Qsirch_5_EN
 - Getting Started Qsirch PC Edition
 - Qsirch
 - Qsirch.docx

Recommend other files which may related the search result you are previewing.

You might like:

- 200716_Qsirch_5_EN
- Getting Started Qsirch PC Edition
- Qsirch
- Qsirch.docx



Qsirch **PC Edition**

See how Qsirch PC Edition work

How does Qsirch PC Edition find documents with the keyword “QNAP” in so many files?



Qsirch Architecture



Qsirch *PC Edition*



Indexing Engine



Data Collection

**File
Watcher**

**Content
Extractor**



Indexer

Analyzer

**Index
Writer**

Search Operation



Query Parser

Parser

Analyzer



Search Module

**Boolean
Search**

**Relevance
(TF-IDF)**

Indexing



Inverted index



Index

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Belief network, *see* directed graphical model

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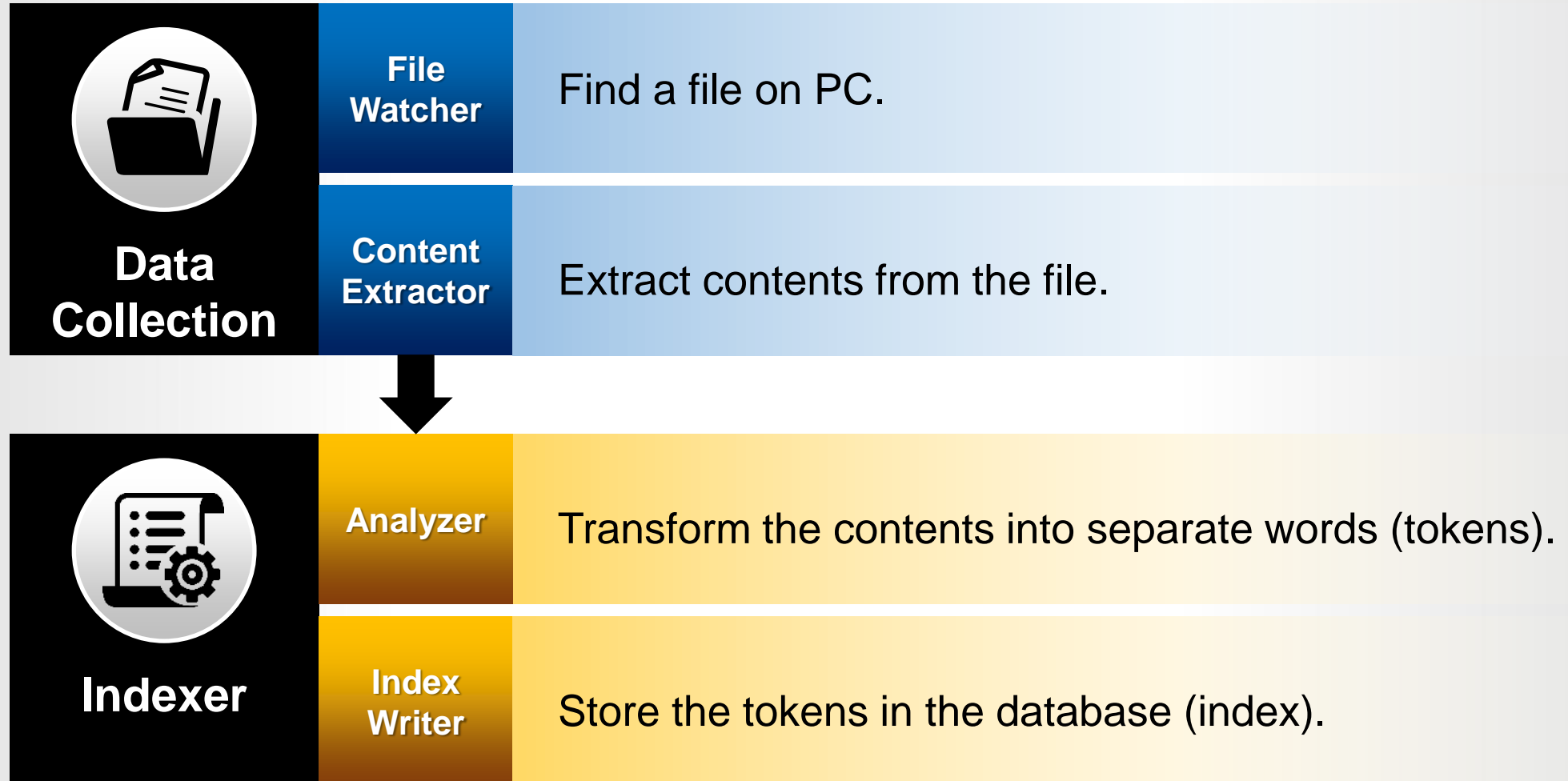
BFGS, [310](#)

Bias, [121](#), [223](#)

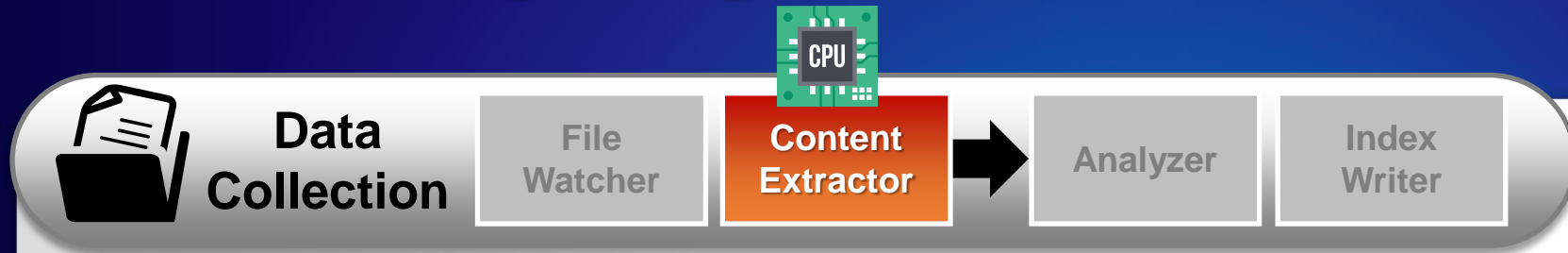
Bias parameter, [107](#)

Biased importance sampling, [586](#)

Indexing Engine



Indexing Engine

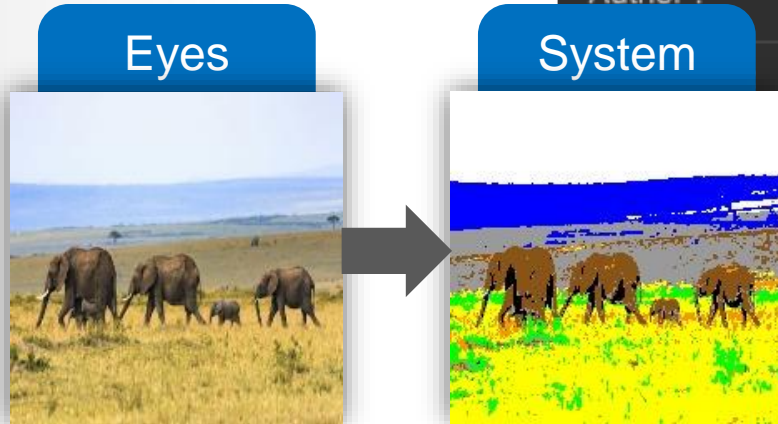


Metadata

Extract contents from the file

✓ File Attributes ✓ Metadata ✓ Text

✓ Color Distribution



agency-photographer-example

Path : 測試/Issues/agency-photographer-example.jpg

Description :
This statue of the 16th President of the United States depicts a 19 foot high seated Ab...

Lens model : 70.0-200.0 mm f/2.8

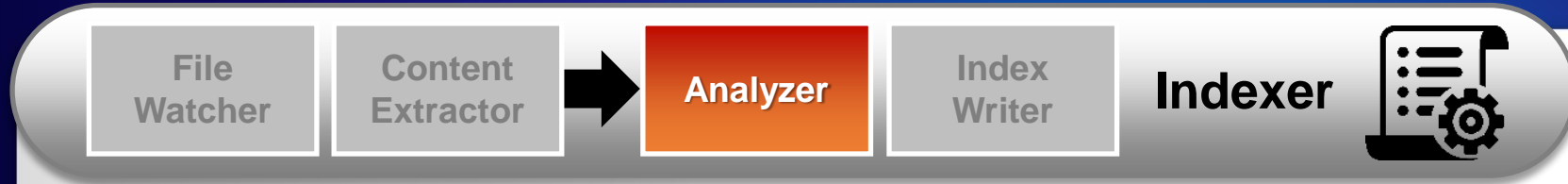
Author : Julie Doe

100

Model : NIKON D2X

1/160

Indexing Engine



Transform the text strings into tokens using natural language processing methods.



Original:

the quick brown foxes

Word segmentation:

the quick brown foxes

Stemming:

the quick brown foxes

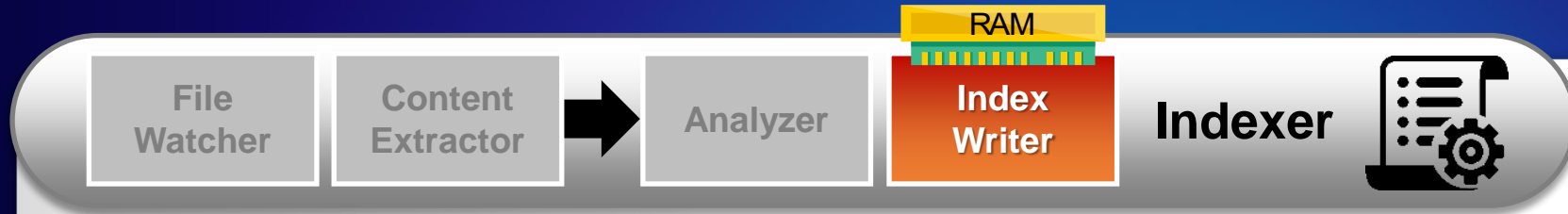
Stop word removal:

the quick brown fox

Tokens:

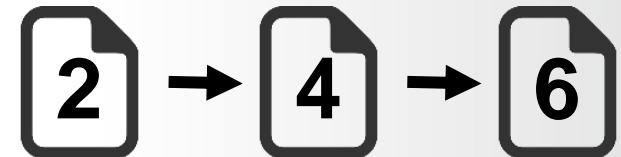
quick brown fox

Indexing Engine

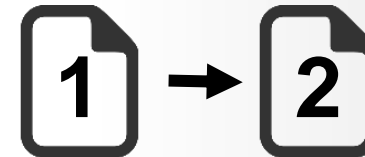


Inverted Index makes search more efficient!

quick



brown



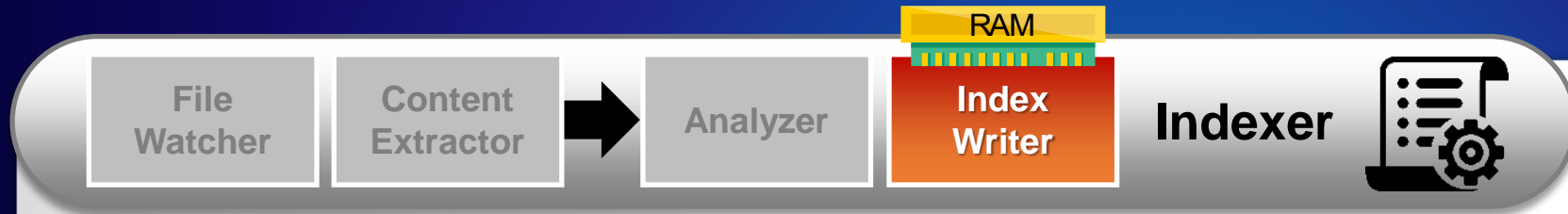
fox



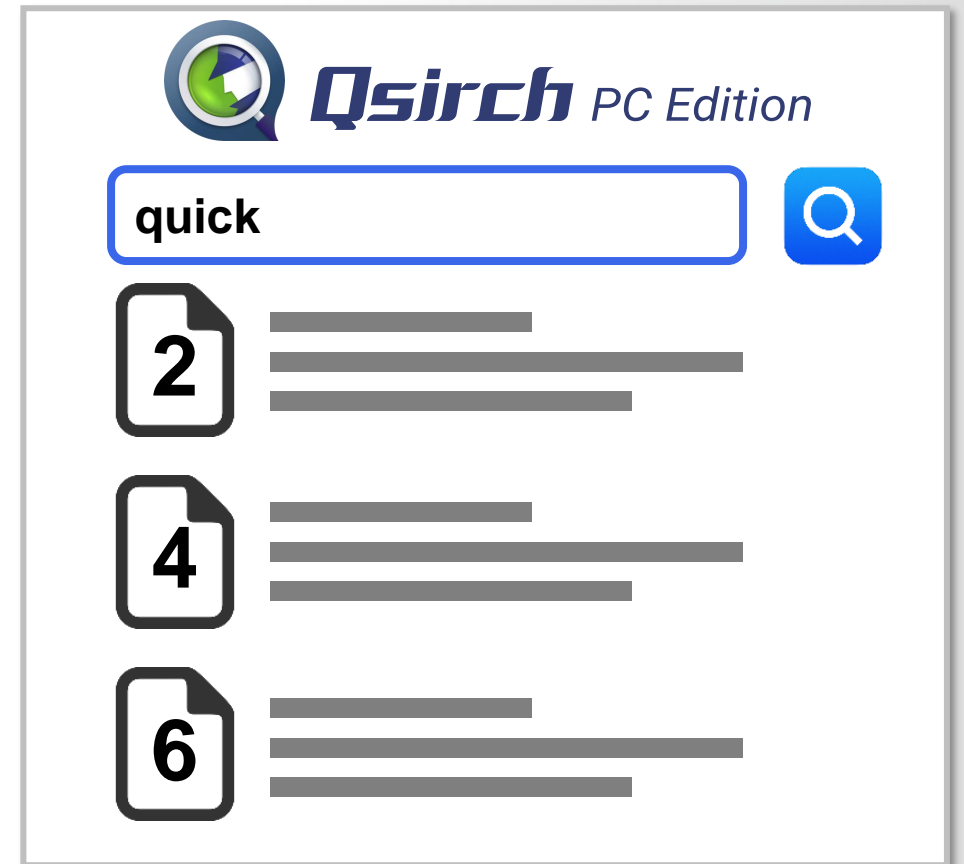
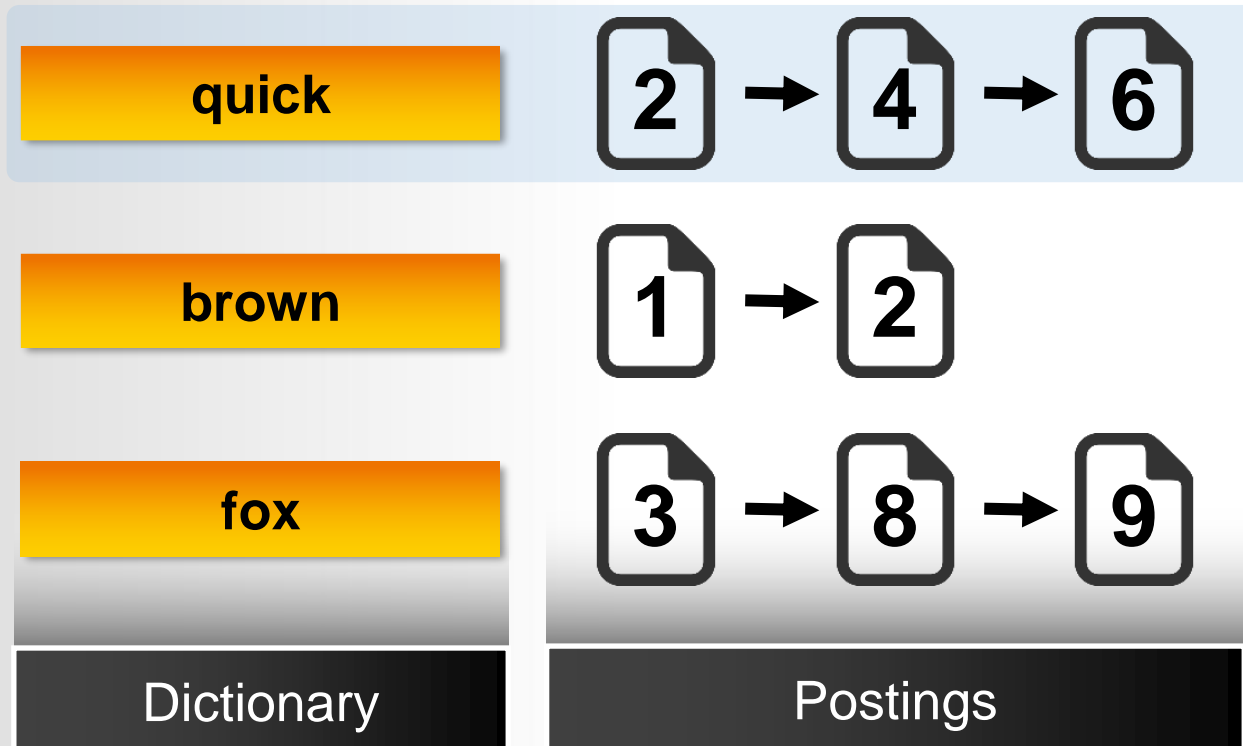
Dictionary

Postings

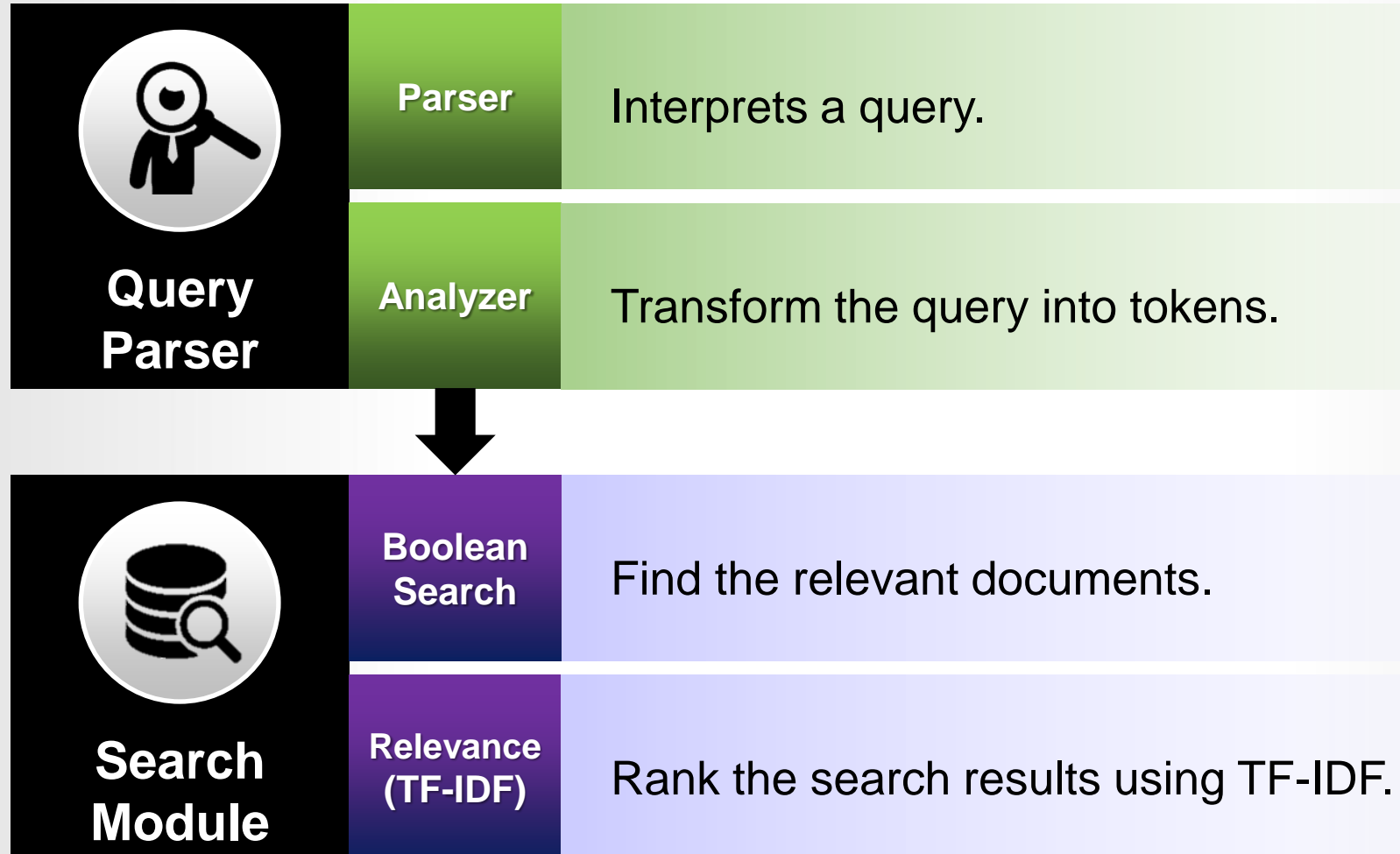
Indexing Engine



Quickly retrieve search result using the inverted index.



Search Operation



Search Operation



Query
Parser

Parser

Analyzer



Boolean
Search

Relevance
(TF-IDF)

Advanced Search

Find pages with...



All of these words

Qsirch

Exact word or phrase

Any of these words

QNAP NAS

None of these words

Qfiling

Narrow results by...



Filenames containing these
keywords

Category

Documents

Date modified

-- Select a date range --

Size



Type size here

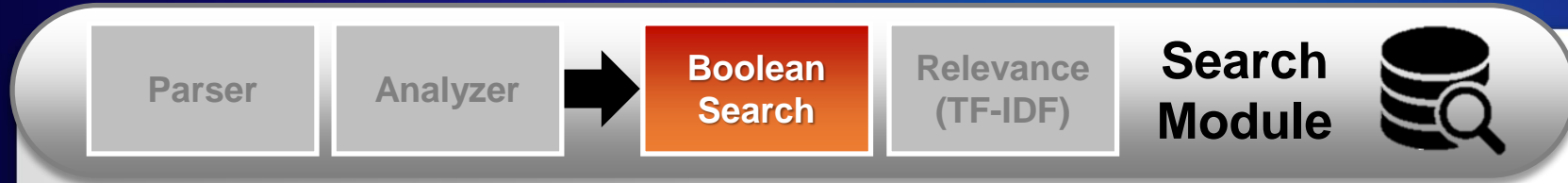
KB

Search

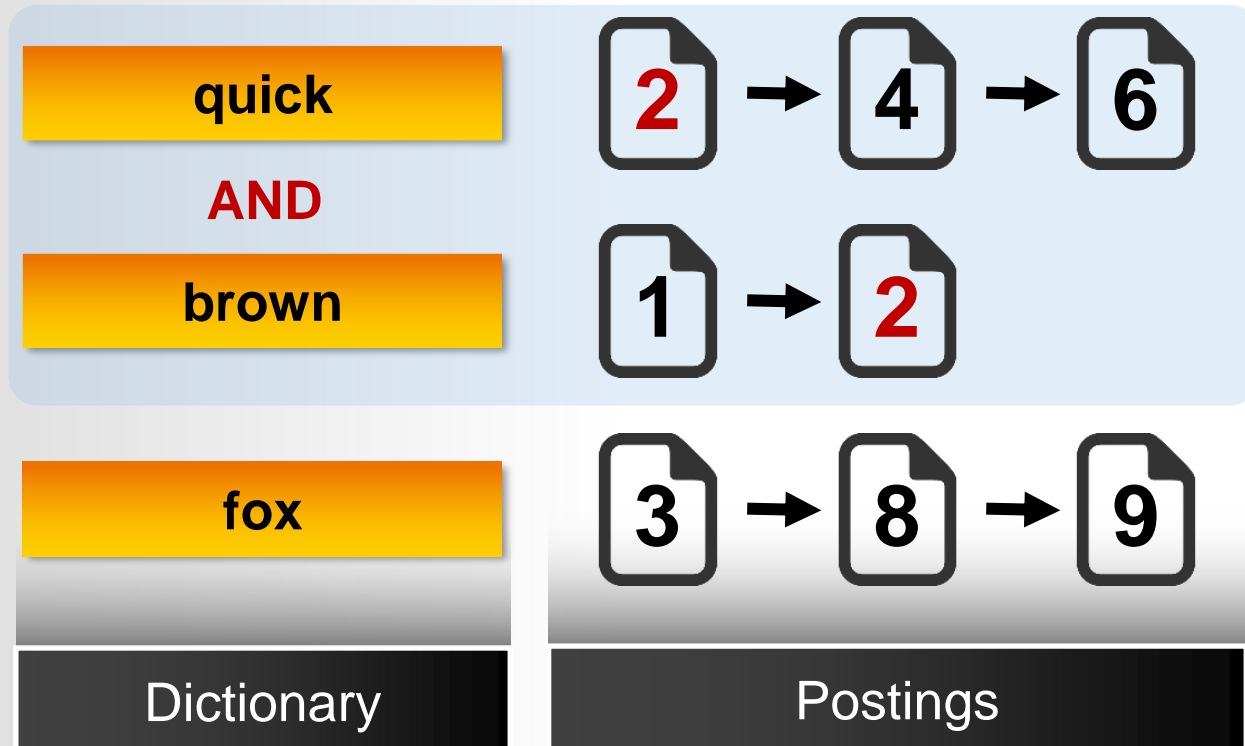
User interface → search syntax

(QNAP OR NAS) AND -Qfiling
AND Qsirch AND
category:Documents

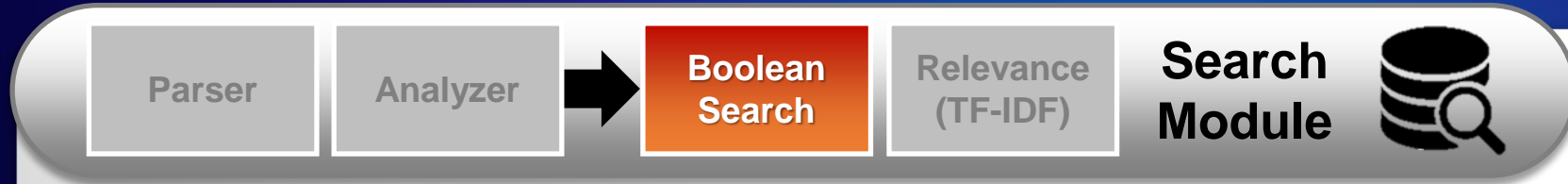
Search Operation



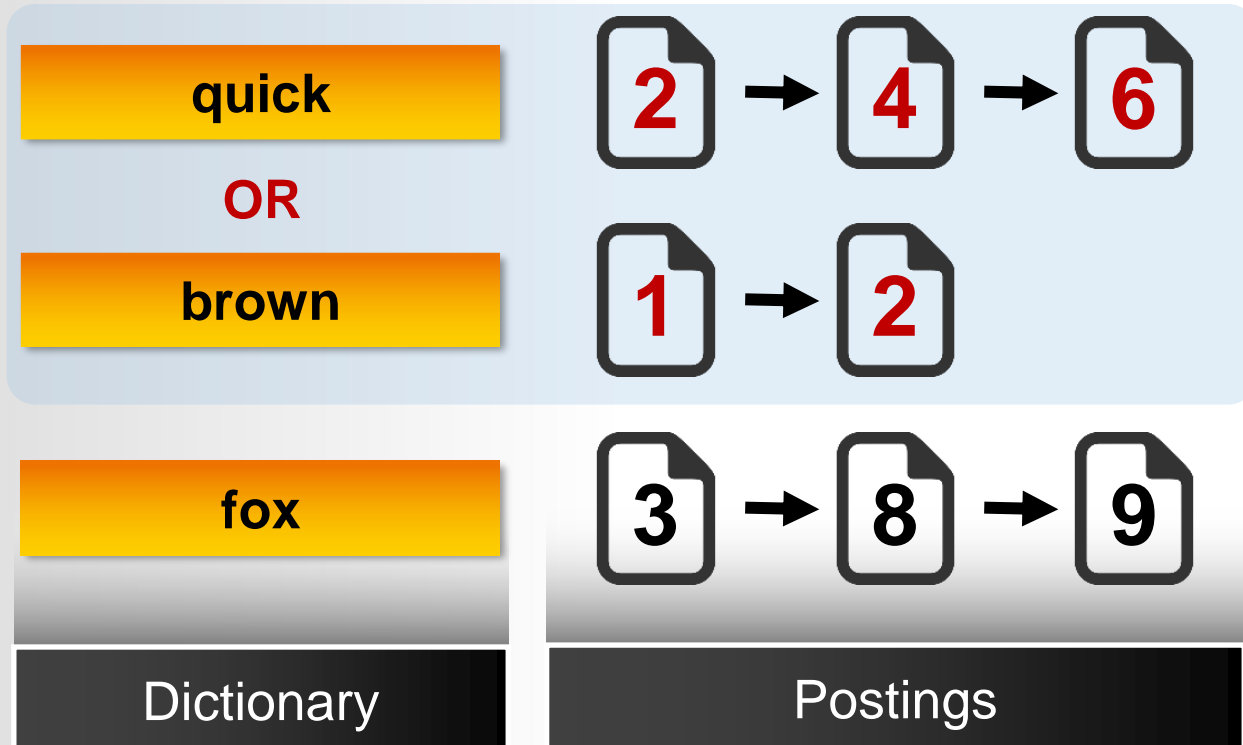
Retrieve the result efficiently according to the search conditions!



Search Operation



Retrieve the result efficiently according to the search conditions!



Qsirch PC Edition

quick OR brown

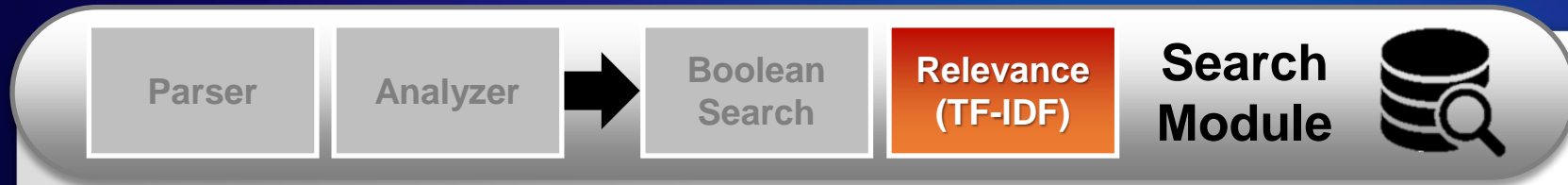
2

4

6

1

Search Operation



TF-IDF is a statistical method in which a frequency based **weight** is assigned to a token to reflect its **importance**.

Q. How to utilize TF-IDF to sort search result by relevance?

QNAP OR CES



.....
CES

CES.....
QNAP CES.....

.....

A

QNAP.....
.....QNAP...
.....QNAP.....

.....
QNAP...QNAP
.....QNAP...

.....

B

.....
QNAP.....
.....QNAP.....

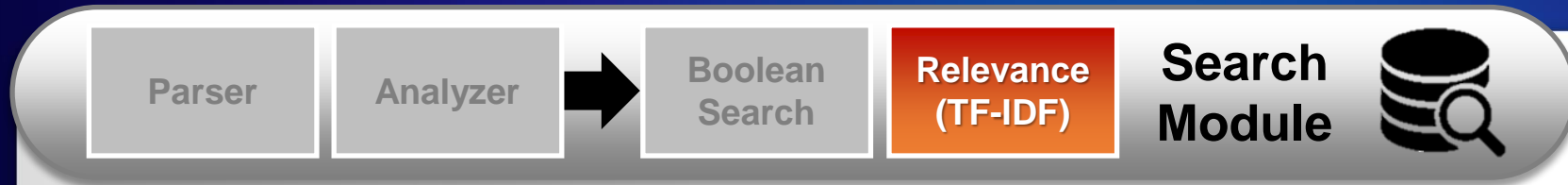
.....

CES.....
.....CES.....

.....

C

Search Operation



TF-IDF is a statistical method in which a frequency based **weight** is assigned to a token to reflect its **importance**.

A. Sorted by relevance: A, C, B

QNAP OR CES



Relevance = TF × IDF

.....
CES

CES.....
QNAP CES.....

A

.....
QNAP.....
.....QNAP.....
.....

CES.....
CES.....

C

QNAP.....
.....QNAP...
.....QNAP.....

.....

QNAP...QNAP
.....QNAP...

B

The more a token occurs in a document, **the higher the TF weight**.

The more a token occurs in the entire set, **the lower the IDF weight**.

The TF-IDF algorithm is used to calculate the **relevance** of a document to a query.

Qsirch Architecture



Qsirch *PC Edition*



Indexing Engine



Data Collection

**File
Watcher**

**Content
Extractor**



Indexer

Analyzer

**Index
Writer**

Search Operation



Query Parser

Parser

Analyzer



Search Module

**Boolean
Search**

**Relevance
(TF-IDF)**

License Plans



Basic (License-Free)

Search single NAS data

- Full-text search on documents.
- AI-powered image search.
- Smart recommendations.
- Quickly preview files.
- Search NAS data based on permission settings.
- Mount and search single NAS.

Search local files on PC

- Only show 16 search results
- Indexing files to let you search files quickly.
- Full-text search on documents.
- Quickly preview the thumbnail of files.
- AI-powered image search.

Plus

Search across multiple NAS data in one interface

- Full-text search on documents.
- AI-powered image search.
- Smart recommendations.
- Quickly preview files.
- Search NAS data based on permission settings.
- Mount and search single NAS.

Search local files on PC

- Indexing files to let you search files quickly.
- Full-text search on documents.
- Smart recommendations.
- Quickly preview files.
- AI-powered image search.
- View the file type distribution on the PC.
- Open files by integrating local computer applications.

QNAP

Qsirch

PC Edition

Your Best Choice !

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