Dialog Basic Skills Review
Featuring DialogClassic

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Section 1: Using Basic Commands

Basic Commands

The following basic commands allow you to perform keyword searches and view records online.

COMMAND	EXAMPLE	DESCRIPTION
BEGIN (B)	**begin 990** **b 990** **b 990,640** **b papersmj** **b 9 current**	Used to open a database or to move from one database to another. Indicate the database with the appropriate file number(s) or OneSearch® category. More than one file number can be entered, separated by commas, to access multiple databases. File numbers for all Dialog databases and OneSearch categories are listed in the *Dialog Database Catalog*. They are also available on DialogWeb under the ![databases] button at <u>http://www.dialogweb.com</u> . ***Note***: Using CURRENT in a BEGIN command restricts your search to records from the current year and one back year. To search multiple back years, use CURRENT2, CURRENT3, CURRENT4, or CURRENT5 for up to 5 back years.
SELECT (S)	**select olympics** **s glaucoma and therap?** **s computer? and peripheral?**	Retrieves records containing the search terms or groups of terms specified and stores them in a numbered set. ***Note***: The truncation symbol on Dialog is a question mark (?). Use it at the end of a word stem to retrieve variant forms of the word, *e.g.*, **s therap?** retrieves therapy, therapies, and therapeutic, etc.

COMMAND	EXAMPLE	DESCRIPTION
TYPE (T)	**type s1/6,k/1-10 t s1/9/2,6**	Displays information continuously. The command has three parts: set number (*e.g.*, s1 which specifies the set of records to display); format (*e.g.*, 6,k which specifies the portions of the record to display); and records (*e.g.*, 1-10 which specifies what records to display). *Note:* The DISPLAY (D) command, which displays information one screen at a time, may also be used. For example, **d s1/8/all** allows you to see all records from set 1 in format 8, one screen at a time (press <enter> to see the next screen of output).
DISPLAY SETS (DS)	**ds**	Displays the search history since the last BEGIN command.
LOGOFF	**logoff**	Ends the online session and provides estimated cost information. Other commands that can be used to disconnect include STOP, BYE, LOG and OFF. *Note:* To logoff temporarily (to take a break or attend to other business) for up to 30 minutes, use the LOGOFF HOLD command. When you log on again through the same telecommunication network, you will be able to resume your search where you left off. The system will indicate that you have been reconnected in the file(s) where you were searching prior to the LOGOFF HOLD. Use the DISPLAY SETS (DS) command to review your set history if you have forgotten what sets you created in the last session.

Logical Operators

OPERATOR	FUNCTION
AND	Retrieves records that contain all specified search terms.
OR	Retrieves records that contain at least one of the search terms.
NOT	Eliminates search terms from a set of records.

Formats for Viewing Records

Classic Dialog	DialogWeb	Output Displayed
Format 6	FREE	Displays titles and publication date.
Format 8	SHORT	Displays titles, publication date and subject indexing (descriptors).
Format 3	MEDIUM	Displays bibliographic citations.
Format 9	FULL	Displays complete records.
Format K	KWIC	Displays keywords (search terms) in the context of an article. May be combined with other formats, *e.g.*, `t s1/6,k/1-10`.

Formats can vary across databases. Check Dialog Bluesheets for database-specific formats (See Section 4).

Search Example Using Basic Commands

This seminar focuses on command-mode searching using the DialogClassic interface; however, Dialog also has other services available. Check the Web site at *www.dialog.com* for more information on Dialog's other products.

►**Topic**◄   Find current news articles on copyright issues related to music and video piracy.

BEGIN (B) with the file number(s) specifies the database(s) to be searched.

Note: Appending CURRENT limits the search to the current year plus one back year.

Each SELECT (S) statement creates a set of stored records. Truncate the terms with a question mark (?) to retrieve variant endings.

Use DISPLAY SETS (DS) to see sets you have created.

```
?logon
*** It is now 2007/03/06 13:42:40 ***
 (Dialog time 2007/03/06 16:42:40)


?b 471 current
File 471:New York Times Fulltext 1980-2007/Mar 06
      (c) 2007 The New York Times
>>>CURRENT started


      Set   Items   Description
      ---   -----   -----------
?s copyright?
      S1     454   COPYRIGHT?


?s video? or record? or music or cd
             6005   VIDEO?
            16276   RECORD?
             9978   MUSIC
             1362   CD
      S2   26707   VIDEO? OR RECORD? OR MUSIC OR CD


?s pirat? or piracy or bootleg?
              893   PIRAT?
              198   PIRACY
              109   BOOTLEG?
      S3    1122   PIRAT? OR PIRACY OR BOOTLEG?


?s s1 and s2 and s3
              454   S1
            26707   S2
             1122   S3
      S4      81   S1 AND S2 AND S3


?ds
Set     Items   Description
S1        454   COPYRIGHT?
S2      26707   VIDEO? OR RECORD? OR MUSIC OR CD
S3       1122   PIRAT? OR PIRACY OR BOOTLEG?
S4         81   S1 AND S2 AND S3
```

TYPE (T) displays the records retrieved. The command includes set number/ format/records. Use Format 6 to quickly evaluate the relevance of the retrieval.

```
?t s4/6/1-3

4/6/1
DIALOG(R)File 471: New York Times Fulltext
(c) 2007 The New York Times. All rights reserved.

04721107 797405070301
Industry Pressure On Music Piracy
Thursday March 1 2007
Word Count: 171

4/6/2
DIALOG(R)File 471: New York Times Fulltext
(c) 2007 The New York Times. All rights reserved.

04720391 785440070227
Internet Renegades Go by the Book
Tuesday February 27 2007
Word Count: 949

4/6/3
DIALOG(R)File 471: New York Times Fulltext
(c) 2007 The New York Times. All rights reserved.

04720137 779091070226
MEDIA; Which Videos Are Protected? Lawmakers Get a Lesson
Monday February 26 2007
Word Count: 662
```

TYPE the record you want to see using Format 9 to see the entire record.

```
?t s4/9/1

4/9/1
DIALOG(R)File 471: New York Times Fulltext
(c) 2007 The New York Times. All rights reserved.

04721107 797405070301
Industry Pressure On Music Piracy
AP
New York Times , Late Edition - Final ED , Col 1 , p 5
Thursday March 1 2007
Document Type: Newspaper  Journal Code: NYT Language:
English
Record Type: Fulltext  Section Heading: SECTC
Word Count: 171

Text:
LOS ANGELES, Feb. 28 -
The recording industry's trade group will give hundreds of
college students suspected of illegally sharing music
online a chance to reach settlements before being sued for
copyright infringement.
    The move announced Wednesday comes as the industry
seeks to stamp out what it says is rampant music piracy on
campuses. The Recording Industry Association of America
said it would send letters offering discounted settlements
to 400 computer users at 13 universities.
```

Use LOGOFF to disconnect from Dialog.

```
     The group intends to send hundreds of such letters to
university computer users every month.
     "The theft of music remains unacceptably high and
undermines the industry's ability to invest in new music,"
said Mitch Bainwol, chairman and chief executive of the
association.
     "This is especially the case on college campuses," he
said.
     As part of its continuing copyright crackdown, the
association has already sued about 18,000 computer users
nationwide since September 2003.

Copyright (c) 2007 The New York Times. All rights reserved.

?logoff
```

Section 2: Searching the Basic Index

The Basic Index

Use the Basic Index to search for information about a particular subject (*e.g.*, global warming or privatization of social security). The Basic Index is word indexed, which means that each word is searched as a separate term. When searching for phrases (two words or more) in a word-indexed field, the use of proximity connectors is required to specify the distance between terms and the order of the terms.

Proximity Connectors

Words are more likely to be conceptually related if they appear close together within a record. The nearer the terms are together, the greater the probability of relevancy.

CONNECTOR	OPERATION	EXAMPLE

(W)	Requires that terms be adjacent to each other and in the order specified.	`s new(w)guinea`
		`s on(w)line or`
		`  online`

(N)	Requires that terms be adjacent but in any order.	`s fiber?(n)optic?`
(#W)	Requires that terms be within so many words of each other and in the order specified.	`s breach(1w)privacy`
(#N)	Requires that terms be within so many words of each other in any order.	`s internet(3n)shop?` `s market(5n)share?`
(S)	Requires that terms be within the same subfield or same paragraph.	`s pollution(s)` `  antarctica`

Embedded punctuation is stripped and replaced with a space, so be sure to include appropriate proximity connectors.

Stop Words

Nine words, called Stop Words, are NOT searchable as separate words on Dialog. They are:

an	for	the	and	from
to	by	of	with	

To search for a phrase that includes a Stop Word, use a number in front of the (W) or (N) connector to allow for the term. For example, the select statement **`s unit(1w) measurement`** should be used to retrieve the phrase "unit of measurement."

✓ Learning Check #1

Fill in the blanks with appropriate connector(s):

1. Locate articles mentioning the World Trade Organization.*

        S WORLD _____ TRADE _____ ORGANIZATION

2. Find newspaper articles about economic sanctions and Iraq.

        S ECONOMIC _____ SANCTION? _____ IRAQ

3. Identify technical articles on preventing landslides.

        S (LANDSLIDE? _____ LAND _____ SLIDE?) _____ PREVENT?

(Answers are shown on page 40)

*Databases are provided by publishers from around the world. English spelling conventions differ. The word "organization" is spelled with a "z" in the *New York Times*, following U.S. spelling conventions; the same word is spelled with an "s" in the *Times* (London), a British newspaper. The truncation symbol (**?**) may be used as a "wildcard" to substitute for a letter within a word. For example,

        S ORGANI?ATION

...

The following example shows the number of records retrieved when using different connectors.

►**Topic**◄   Find articles on the development of an AIDS vaccine.

```
?b 990
File 990:NewsRoom Current Aug 1 –2007/Mar 06
       (c) 2007 Dialog

     Set  Items  Description
     ---  -----  -----------
?s develop?(w)aids(w)vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
     S1       6  DEVELOP?(W)AIDS(W)VACCIN?


?s develop?(n)aids(w)vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
     S2      96  DEVELOP?(N)AIDS(W)VACCIN?


?s develop? (10w) aids (w) vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
     S3     276  DEVELOP? (10W) AIDS (W) VACCIN?


?s develop?(10n)aids(w)vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
     S4     399  DEVELOP?(10N)AIDS(W)VACCIN?


?s develop?(s)aids(w)vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
     S5     482  DEVELOP?(S)AIDS(W)VACCIN?


?s develop? and aids(w)vaccin?
        2764523  DEVELOP?
         100080  AIDS
          84643  VACCIN?
           2241  AIDS(W)VACCIN?
     S6    1493  DEVELOP? AND AIDS(W)VACCIN?
```

Suffix Searching

Applying a suffix to a term restricts retrieval to records containing the term in a specified Basic Index field. (Check the Bluesheet for searchable fields.) This technique allows you to focus your search more precisely. To search in more than one field, enter the field labels separated by a comma; the term(s) must appear in at least one of the fields.

Common fields include:

> /DE   restricts the term to the Descriptor field
> /TI   restricts the term to the Title field
> /LP   restricts the term to the Lead Paragraph field
> /CO   restricts the term to the Company Name field

For example:

```
s tuberculosis/de
s information(w)technology/ti
s (electronic or e)(w)commerce/ti,de,lp
s pfizer/co
s (health(w)effect? and pesticide?)/ti,de
```

The following example shows the use of suffix searching in the Basic Index.

►**Topic**◄ Find current articles on piracy of video and DVDs in China.

This search illustrates searching each field individually. When a field yields no hits, check the Bluesheet to see if there are other fields that might be relevant, *e.g.*, /GN for Geographic Name.

Note that the same retrieval is achieved searching the fields separately as when searching them together (see s5 and s6).

```
?b 20 current

File  20:Dialog Global Reporter 1997-2007/Mar 06
      (c) 2007 Dialog
>>>CURRENT started

      Set   Items   Description
      ---   -----   -----------
?s china/ti
      S1   71855   CHINA/TI

?s china/de
      S2        0   CHINA/DE

?s china/lp
      S3  175599   CHINA/LP

?s china/gn
      S4  226372   CHINA/GN

?s s1 or s3 or s4
            71855  S1
           175599  S3
           226372  S4
      S5  229805  S1 OR S3 OR S4
```

Search the second
concept ORing
together synonyms.

Add the third
concept and then
combine sets using
AND.

```
?s china/ti,lp,gn
      S6   229805   CHINA/TI,LP,GN


?s (pirat? or piracy or bootleg?)/ti,de,lp
             8948   PIRAT?/TI,DE,LP
             3022   PIRACY/TI,DE,LP
              428   BOOTLEG?/TI,DE,LP
      S7    11460   (PIRAT? OR PIRACY OR BOOTLEG?)/TI,DE,LP


?s (video? or dvd?)/ti,de,lp
            78684   VIDEO?/TI,DE,LP
            17535   DVD?/TI,DE,LP
      S8    91883   (VIDEO? OR DVD?)/TI,DE,LP


?s s6 and s7 and s8
           229805   S6
            11460   S7
            91883   S8
      S9      228   S6 AND S7 AND S8
```

TYPE out the first
record in Format
8,K to show title,
publication date,
and indexing with
keywords in
context.

```
?t s9/8,k/1

9/8,K/1
DIALOG(R)File 20: Dialog Global Reporter
(c) 2007 Dialog. All rights reserved.

54666775
Pfhhh, you call that a copyright violation?


March 06, 2007
Word Count: 474
Descriptors: Company News; Facilities & Equipment;
Government News; National Security; Patents Licensing &
Standards

Country Names/Codes: Albania (AL) ; China (CN) ; Japan (JP)
; United States of America (US )

Regions: Americas; Asia; Eastern and Central Europe;
Europe; North America

SIC Codes/Descriptions: 7812 (Motion Picture & Video Tape
Production); 4833 (Television Broadcasting Stations); 9711
(National Security); 7810 (Motion Picture Production &
Services); 4800 (Communications); 9700 (National Security &
International Affairs); 7372 (Prepackaged Software); 2711
(Newspapers); 9100 (Executive Legislative & General)

Naics Codes/Descriptions: 513 (Broadcasting &
Telecommunications); 51 (Information); 512 (Motion Picture
& Sound Recording Industries); 5121 (Motion Picture & Video
Industries); 51211 (Motion Picture & Video Production);
92811 (National Security); 928 (National Security &
International Affairs); 92 (Public Admin); 51312
(Television Broadcasting)
```

```
...world. Though TV networks have asked YouTube to remove
them, users  keep uploading more unauthorized video clips.
In China, some websites are doing much more than that.
"Western executives must be very jealous of the copyright
situation here," a Chinese Web 2.0  entrepreneuros once
told me. Posting copyrighted videos online? Who cares. The
result of this laissez-faire approach to unauthorized
uploads is to popular culture-hungry Internet users what
pirated  disks was to
Chinese cinephiles a decade ago. Nowadays, go to a Chinese
video-sharing site, type in the name of your favorite show,
click on the search button...

...translation groups. These are fans who prepare Chinese
subtitles as soon as they get the video from the Internet.
After Episode 1, Season 2 of Prison Break came out in
August...

...Hollywood had better consider breaking into the Albanian
market. Volunteer translation  not only happens in China.
On YouTube's "Most Viewed" page, some Japanese cartoons
come with English subtitles also the...

Country Names/Codes: ...AL) ;  China (
```

🖥 Online Practice #1

Plan the following searches and conduct them in the recommended databases.

1. Find articles on the medical use of marijuana. Use File 47, Gale Group Magazine Database™.

2. Find current articles on the privatization in the telecommunications industry in Latin America or South America. Use File 20, Dialog Global Reporter.

3. Locate information on joint ventures or alliances in which Pfizer is involved. Use File 16, Gale Group PROMT®.

(Answers are shown on page 42)

Section 3: Searching the Additional Indexes

When you search the Additional Indexes, you will be searching for non-subject related concepts such as author, journal, or publication year, as well as many others that can be added to a basic subject search to narrow or refine the results.

Field Prefixes

Field prefixes are required when searching the Additional Indexes. Typical prefixes include:

> AU=   searches the Author field
> JN=   searches the Journal Name field
> CO=   searches the Company Name field
> PY=   searches the Publication Year field
> PD=   searches the Publication Date field

Check the Bluesheets for examples of non-subject concepts that are searchable in the chosen database. The Bluesheet will also give you an example of how the term is entered in the database.

For example:

```
s au=burnham, geoff?
s jn=information today
s co=Bertelsmann music?
s py=2006
s pd=20060515*
```

*It is also possible to search publication dates using a two-digit year, *e.g.*, `s pd=060515`.

Most of the fields in the Additional Index are phrase-indexed. This means that the words or phrases you enter must match exactly how they are listed in the database, and it is not necessary to include proximity connectors in the search phrase. In many databases names may be listed in more than one way. For example, one form of an author's name may include a middle name while another may only use the first name.

EXPAND Command

When searching for any kind of name – authors, journals, products, or companies – in the Additional Index, it is best to use the EXPAND command to verify exactly how the name is entered in the database.

The EXPAND command (abbreviated E) is used to verify the spelling of names and to view alphabetically similar entries. The index shows how a name is listed, how many records contain the name, and also lists the names that are alphabetically close to it.

Remember the BEST way to search Dialog is to:

> **B**egin
> **E**xpand
> **S**elect
> **T**ype

The following search illustrates using the EXPAND command in the Author (AU=) field.

►**Topic**◄   Find articles by W. Hadfield published in 2006 or 2007 on the use of RFID by Walmart.

Conduct the search in File 275, a computer database, using keywords to search the Basic Index.

Limit the search to specific publication years (PY=).

```
?b 275


File 275:Gale Group Computer DB(TM) 1983-2007/Mar 06
       (c) 2007 The Gale Group


     Set  Items  Description
     ---  -----  -----------
?s rfid or radio()frequency()identifi?
            4400  RFID
           65341  RADIO
           33007  FREQUENCY
           50886  IDENTIFI?
            3273  RADIO(W)FREQUENCY(W)IDENTIFI?
     S1    4851  RFID OR RADIO()FREQUENCY()IDENTIFI?


?s walmart or wal(w)mart
            3215  WAL
            5412  MART
            3130  WAL(W)MART
             458  WALMART
     S2    3419  WAL()MART OR WALMART


?s s1 and s2 and py=2006:2007
            4851  S1
            3419  S2
          161543  PY=2006 : PY=2007
     S3     750  S1 AND S2 AND PY=2006:2007

```

Check the Bluesheet to see if the author field uses punctuation; then EXPAND on the name to verify spelling.

```
?e au=hadfield, w

Ref    Items  Index-term
E1        1  AU=HADERLE, DON
E2       22  AU=HADFIELD, JEFF
E3        0 *AU=HADFIELD, W
E4      280  AU=HADFIELD, WILL
E5        1  AU=HADFIELDL, WILL
E6        2  AU=HADFIELDWILL, WILL
E7        1  AU=HADI, ALI S.
E8        1  AU=HADID, ABDENOUR
E9        2  AU=HADINEJAD-MAHRAM, HAFEZ
E10       1  AU=HADIPOUR, MEHRAN
E11       2  AU=HADJ-ALOUANE, NEJIB BEN
E12       1  AU=HADJICHRISTOFI, GEORGE C.
E13       1  AU=HADJICOSTIS, C.N.
E14       7  AU=HADJICOSTIS, CHRISTOFOROS N.
E15       1  AU=HADJIDEMETRIOU, EFSTATHIOS
E16       1  AU=HADJIDJ, RACHID
E17       1  AU=HADJIEFTHYMIADES, S.
E18       1  AU=HADJIEFTHYMIADES, STATHES
E19       4  AU=HADJITARKHANI, ABIE
E20       3  AU=HADJITHEODOSIOU, MICHAEL
. . . .
Enter P or PAGE for more
```

SELECT the appropriate E number(s).

```
?s e4
     S4     280  AU='HADFIELD, WILL'
```

Combine S3 with the author set (S4) to complete the search.

```
?s s3 and s4
           750  S3
        161543  S4
     S4       3  S3 AND S4
```

TYPE out the records in Format 9 to see the entire records.

```
?t s4/9/1

4/9/1
DIALOG(R)File 275: Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rights reserved.

03201974     Supplier Number: 159865547 (This Is The FULL
TEXT)
Wal-Mart's suppliers tag 65% of stock.(using radio
frequency identification tags)(Brief article)
```

Author name

```
Hadfield, Will
Computer Weekly, 48, NA
Feb 27 , 2007
Document Type: Brief article
ISSN: 0010-4787
Language: English     Record Type: Fulltext
Word Count: 171    Line Count: 00018

Text:
 Will Hadfield
 will.hadfield@rbi.co.uk
```

```
        Wal-Mart's 300 largest suppliers are attaching
RFID tags to 65% of the products they send to the retailer.
        Wal-Mart has told Computer Weekly that it is
"receiving products tagged at the pallet and case level".
        The retailer also said that it would be reading RFID
tags in 1,000 of its stores by the end of April, in an
effort to identify in-store process inefficiencies.
        AMR Research said, "With large suppliers such as
Procter & Gamble and Unilever tagging a large proportion of
their products, there's no reason why the same processes
could not be used by other retailers."
        Asda begins RFID testing
        www.computerweekly.com/214095
        "However, there may be some caveat from Wal-Mart over
intellectual property that stops the big suppliers from
reusing those processes with other retailers."
        Wal-Mart has been rolling out RFID to its suppliers
since April 2004.

http://www.computerweekly.com/Articles/2006/02/07/214095/as
da-to-begin-test
ing-rfid-tags-as-wal-mart-extends-worldwide.htm

http://www.computerweekly.com/Articles/2006/04/25/215536/wa
l-mart-to-adopt-latest-rfid-tags.htm
        ENDS
COPYRIGHT 2007 Reed Business Information Ltd.


Company Names: Wal-Mart Stores Inc.--Technology application
Descriptors: Radio frequency identification; Technology
application
Product/Industry Names: 5331200 (Discount Stores); 3662594
(Radio Frequency Detector Eqp)
SIC Codes: 5331 Variety stores; 3663 Radio & TV
communications equipment
NAICS Codes: 445299 All Other Specialty Food Stores; 334511
Search, Detection, Navigation, Guidance, Aeronautical, and
Nautical System and Instrument Manufacturing
Ticker Symbols: WMT
File Segment: CD File 275
```

The following example illustrates using the EXPAND command and the Company Name (CO=) field.

►Topic◄ Locate basic company information on the headquarters location of Exxon Mobil.

For some searches you will have to EXPAND several times to see varied spellings (e.g., Walmart, Wal Mart and Wal-Mart).

EXPAND on the company name. Note that there are a number of different Exxon Mobil operations.

```
?b 516
File 516:D & B - DUNS MARKET IDENTIFIERS 2007/Jan
        (c) 2007 D&B)


      Set  Items  Description
      ---  -----  -----------
?e co=exxon mobil corp

Ref   Items  Index-term
E1       27  CO=EXXON MOBIL
E2        1  CO=EXXON MOBIL CHEM CARIBBEAN DIV
E3        0 *CO=EXXON MOBIL CORP
E4      695  CO=EXXON MOBIL CORPORATION
E5        2  CO=EXXON MOBIL DOWNSTREAM BUSINESS SERVICES
E6        1  CO=EXXON MOBIL FOUNDATION
E7        1  CO=EXXON MOBIL FUELS MARKETING COMPANY
E8        1  CO=EXXON MOBIL FUELS MARKETING DOWNSTREAM
E9        1  CO=EXXON MOBIL INTERNATIONAL HOLDINGS, INC
E10       2  CO=EXXON MOBIL PIPELINE
E11      28  CO=EXXON MOBIL PIPELINE COMPANY
E12      22  CO=EXXON MOBILE
E13       1  CO=EXXON MOBILE ON THE RUN
E14       1  CO=EXXON NINE MILE RD CNVNNCE STR
E15       1  CO=EXXON NO 101
E16       1  CO=EXXON OFFICE SYSTEMS
. . . .

?s e4
     S1    695  CO='EXXON MOBIL CORPORATION'

?s s1 and sf=headquarters
            695  S1
         438178  SF=HEADQUARTERS
     S2      1  S1 AND SF=HEADQUARTERS

?t s2/9/1

2/9/1
DIALOG(R)File 516: D & B - DUNS MARKET IDENTIFIERS
(c) 2007 D&B). All rights reserved.
```

Use the Special Features (SF=) field to limit to the headquarters location. Check the Bluesheet for other special features.

```
18221796
Exxon Mobil Corporation
EXXON COMPANY INTERNATIONAL
5959 Las Colinas Blvd
Irving , TX    75039-2298

Telephone:  972-444-1000
County:  DALLAS     MSA: 1920 (Dallas, TX)
Region:  Southwest

Business:  Exploration & Production of Crude Oil & Natural
Gas Petroleum & Petrochemical Refining Pipelines and
Service Stations

NAICS Codes:  211111 (Crude Petroleum and Natural Gas
Extraction)

Primary SIC:
1311 Crude petroleum and natural gas, nsk
  13110000 Crude petroleum and natural gas, nsk

Secondary SIC(s):
2911 Petroleum refining
  29110000 Petroleum refining, nsk
 29110200 Light distillates
 29110600 Aromatic chemicals, made in refineries
2821 Plastics materials or resins, nec
  28210000 Plastics materials and resins, nsk
 28210207 Polyethylene resins
 28210210 Polypropylene resins
4612 Crude petroleum pipelines
  46120000 Crude petroleum pipelines
5541 Gasoline service stations
  55410000 Gasoline service stations, nsk
5171 Petroleum bulk stations and terminals, nsk
  51710000 Petroleum bulk stations and terminals, nsk

Latest Year Organized:  1882
State of Incorporation:  NJ
Date of Incorporation:  08/05/1882
Annual Sales Revision Date:  06/01/2006
```

	Latest Year	Trend Year	Base Year
		2004	2002
Sales ($)	370,680,000,000	370,680,000,000	204,506,000,000
Employees Total	85,900	85,900	92,500
Employees Here	400		
Sales Growth	81 %		

Net Worth ($)	111,186,000,000
Employment Growth	-7 %

```
Square Footage:  NA   Owned
Number of Accounts:  NA
Accounting Firm:  Pricewaterhousecoopers LLP Da

THIS IS:

   A MANUFACTURING LOCATION
   A HEADQUARTERS LOCATION
   AN ULTIMATE LOCATION
   A CORPORATION
   A PUBLIC COMPANY

DUNS Number:  00-121-3214
Corporate Family DUNS:  00-121-3214
```

Chairman:	Tillerson, Rex	/Chb-Pres-Ceo
President:	Foster, M E	/Pres, Exxonmobil Dev Co
	Tillerson, Rex	/Chb-Pres-Ceo
Vice President:	Mulva, Patrick T	/V Pres-Controller
	McMillan, J T	/V Pres
	Matthews, Charles W Jr	/V Pres-Gc
	Koonce, K T	/V Pres
	Thompson, J L	/V Pres
	Sullivan, P E	/V Pres-General Tax Counsel
	Sprow, Frank	/Vp of Environment and Safety
	Sanders, D S	/V Pres
	Pryor, S D	/V Pres
	Cavanaugh, Lucille J	/Vp Human Rsrcs
	Hubble, H H	/V Pres, Investor Relations-Sec
	Cramer, H R	/V Pres
Treasurer:	Humphreys, Donald D	/Sr V Pres-Treas
Manager:	Steuwer, Les	/Corporate Account Manager
Controller:	Mulva, Patrick T	/V Pres-Controller
Senior Vice President:	Simon, Stephen J	/Sr V Pres
	Galante, E G	/Sr V Pres
	Humphreys, Donald D	/Sr V Pres-Treas
	McGill, S R	/Sr V Pres
Chief Executive Officer:	Tillerson, Rex	/Chb-Pres-Ceo

Legal Professional: Sullivan, P E   /V Pres-General Tax
                                          Counsel
Finance VP: Mulva, Patrick T   /V Pres-Controller

Section 4: Dialog Documentation

Dialog provides several printed and online resources to help you select appropriate databases for your search including the *Dialog Database Catalog* and Dialog Bluesheets.

Dialog Database Catalog

The *Dialog Database Catalog* provides you with information about all of the databases currently on the Dialog service. The information contained in the *Database Catalog* is also available online on the Dialog Web site (http://support.dialog.com/publications/dbcat/) and via DialogWeb (http://www.dialogweb.com).

The following sections of the *Catalog* are helpful in identifying useful databases.

- The **Database Descriptions** section briefly summarizes: database coverage, time span covered, update frequency, provider(s) of the data, and database type (Bibliographic, Complete Text, Directory, or Numeric). This section is arranged alphabetically. Browse through this section to become familiar with the content of the databases.

- The **Alpha/Numeric Index** to Dialog Databases lists all the databases by number in ascending order. Use this section to find the name of a database when you already know its number.

- The **DIALINDEX/OneSearch Categories** section lists databases and categories by subject. This section is useful to pinpoint a group of databases relevant to your topic. Once you have selected a category of relevant databases; then review the content descriptions of several databases in the Descriptions section.

✓ Learning Check #2

Choose general subjects from your area of interest (*e.g.*, patents, computers, or international business) and do the following:

l.   Choose several categories in the DIALINDEX category section of the *Catalog* that might have information on your topic. (Or, use the DATABASES button on DialogWeb.)

2.   Choose several databases from the categories and review the descriptions of each listed in the Description section.

3.   Determine the two or three best databases for your search.

Topic: _____

DIALINDEX Categories: _____

Databases: _____

Dialog Bluesheets

The Bluesheets provide information about the content and search features for specific databases. There is a Bluesheet for each database on Dialog, available online at http://library.dialog.com/bluesheets/ and online in File 415. They are also available as part of DialogLink 5, DialogClassic® Web and DialogWeb.

The first page of each Bluesheet gives an overview of the database content. The second page contains a sample record that illustrates the type of material, the length of the record you can expect in the database, and the searchable parts of the record.

Each word in the database is searched either as a single word or as a multiple-word phrase. The words are categorized into two indexes: Basic and Additional Indexes. These two indexes are defined on the Bluesheet for each database. (See *Section 2: Searching the Basic Index* and *Section 3: Searching the Additional Indexes* for more information). Each field that can be searched is listed under either the Basic or Additional Index boxes. Check these indexes to determine how to formulate a correct search strategy.

BASIC INDEX

The Basic Index includes all words from fields that express subject information, such as Title, Abstract, Descriptors, and Text. The Bluesheet lists the following divisions:

- **Search Suffix:** Two-letter codes used as suffixes (/TI or /DE) to limit searches to specific fields when searching the Basic Index. These codes also can be used in output commands *(e.g.,* `t s1/ti/1-2)` to display specific parts of the record.

- **Field Name:** The searchable field, such as Title, Descriptors.

- **Indexing:** How the terms are indexed (*e.g.,* whether a term can be searched word-by-word or as a phrase). Most often words are searched separately in the Basic Index.

Basic Index

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
/AB	AB	Abstract	Word	`s fannie(w)mae/ab`
/CO	CO	Company Name	Word	`s burger(w)king/co`
/DE	DE	Descriptor	Word & Phrase	`s human(w)resources/de` `s case studies/de`
/GN	GN	Geographic Name	Word	`s us/gn`
/TI	TI	Title	Word	`s new(w)partners/ti`
/TX	TX	Text	Word	`s naomi(w)kinney/tx`

All examples from ABI/INFORM® (File 15).

ADDITIONAL INDEXES

The Additional Indexes include all other searchable fields such as Author, Date, Journal Name, Company Name, Named Person, and many others specific to each database.

- **Field Prefix:** Two-letter codes used as prefixes (AU=, PY=) to limit searches to specific fields in the Additional Index. These codes also can be used in output commands (*e.g.*, `t s1/au,jn/1-2)` to display only those specified parts of the record.

- **Field Name:** The searchable field, such as Author, Publication Date, or Journal Name.

- **Indexing:** How the terms are indexed (*e.g.,* whether a term can be searched word-by-word or as a phrase). Most often terms are searched as phrases in the Additional Indexes.

Additional Indexes

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	Dialog Accession Number		
—	AV	Availability		
AU=	AU	Author	Phrase	`s au=solomon, ann?`
CC=	CC	Classification	Phrase	`s cc=9110`
CD=	CD	CODEN	Phrase	`s cd=pejoaa`
CN=	CN	Classification Name	Phrase	`s cn=company specific`
DN=	DN	D-U-N-S Number	Phrase	`s dn=10-346-0846`
DT=	DT	Document Type	Phrase	`s dt=journal article`
—	FN	File Name	Phrase	
GN=	GN	Geographic Name	Phrase	`s gn=us`
JC=	JC	Journal Code	Phrase	`s jc=pej`
JN=	JN	Journal Name	Phrase	`s jn=personnel journal`
LA=	LA	Language	Phrase	`s la=english`
—	NP	Number of Pages	Phrase	
PD=	PD	Publication Date	Phrase	`s pd=0601?`
PY=	PY	Publication Year	Phrase	`s py=2006`
SF=	SF	Special Feature	Phrase	`s sf=graphs`
SN=	SN	International Standard Serial Number (ISSN)	Phrase	`s sn=0031-5745`
SN=	SN	International Standard Serial Number (ISSN)	Phrase	`s sn=0031-5745`
—	SO	Source	Phrase	
TS=	TS	Ticker Symbol	Phrase	`s ts=pac`
UD=	--	Update	Phrase	`s ud=9999`
—	WC	Word Count	Phrase	

PREDEFINED FORMAT OPTIONS

Predefined Format Options list the Format numbers and the corresponding record content for the database.

Predefined Format Options

NUMBER	NAME	RECORD CONTENT
Format 1		Dialog Accession Number
Format 2		Full Record except Abstract and Text
Format 3	MEDIUM	Bibliographic Citation
Format 4		Bibliographic Citation and Abstract
Format 5	LONG	Full Record except Text
Format 6	FREE	Title and Publication Date
Format 7	LONG	Title, Abstract, and Source
Format 8	SHORT	Title, Publication Date, and Indexing (Company Names, Descriptors, Classification Codes, and Names)
Format 9	FULL	Full Record
Format K	KWIC	KWIC (Key Word in Context) displays a window of text; may be used by itself or with other formats (HILIGHT is also available)

On DialogWeb documents can be viewed using the TYPE command or via the DISPLAY button. Formats in the DISPLAY are FREE (Format 6), SHORT (Format 8), MEDIUM (Format 3), LONG (typically Format 5 or 7), and FULL (Format 9) plus KWIC (Format K). Formats vary by database, so it is important to verify them before downloading records.

✓ Learning Check #3

Choose the correct suffixes or prefixes to search the following questions.

l.   What PREFIX would you use to search for:

    a.   Author Name   _____

    b.   Publication Date   _____

    c.   Journal Name   _____

2.   What SUFFIX would you use to limit your search to:

    a.   Title   _____

    b.   Abstract   _____

3.   What predefined FORMAT would you use to display:

    a.   Titles   _____

    b.   Bibliographic Citation   _____

    c.   Complete Record   _____

Using the Bluesheet for ABI/INFORM (File 15) and your knowledge of Dialog commands, write out the search statements for the following questions.

4.   Limit your search on Coca Cola to the Title and Company field. Also restrict the set to records published in the last two years.

5.   Locate an article written by Louise Kramer.

6.   Display continuously the Titles, Publication Date and Descriptors for the first three records in Set 4.

7.   Display continuously search terms in context for the 3rd, 6th, and 8th records in set 4.

    (Answers are shown on page 40)

Section 5: DIALINDEX®

DIALINDEX (File 411) is a central index to most of the Dialog databases. You can search several databases, a DIALINDEX category of databases, or create your own grouping. A search in DIALINDEX indicates the number of records each database has on your search topic. DIALINDEX categories are listed in the back of your *Database Catalog*. The categories are divided into three groups:

- Super categories
- Specific subject categories
- User-defined categories

DIALINDEX Command Summary

COMMAND	EXAMPLE	DESCRIPTION
BEGIN (B)	`b 411`	Connects to File 411, DIALINDEX.

SET FILES (SF)	`sf allnews`
	`sf medicine`
	`sf eng not 8`
		Specifies the databases you wish to scan. The file list can contain predefined categories or specific file numbers.

SELECT (S)	`s <terms>`	Scans search terms in your chosen databases. Limit of one SELECT statement, so remember to "nest" terms when using AND and OR in the same search, *e.g.*, `s (treatment or therap?) and glaucoma`.
SAVE TEMP	`save temp`	Saves your search strategy for up to seven days free of charge. Dialog assigns a serial number, *e.g.*, TD013. Strategy can be executed in any database using the serial number.
RANK FILES (RF)	`rf`	Displays a ranked list of databases based on number of hits in each database. Dialog assigns an N-number to each database that can be used to open the file(s).

COMMAND	EXAMPLE	DESCRIPTION
EXECUTE STEPS (EXS)	`exs td013`	Executes the saved search strategy in the database(s) of choice. Note: Dialog defaults to the last SearchSave in the current session, so it is optional to include the serial number when going directly to the databases from DIALINDEX.
REMOVE DUPLICATES (RD)	`rd`	Removes duplicate records when in multiple databases.
TYPE (T)	`t s2/6,k/1 from each`	TYPEs records in the specified format FROM EACH of the open databases to obtain a representative sample of records.

The following example shows the use of DIALINDEX.

►Topic◄   Find databases that contain information on merger or acquisition activities of the company Macromedia.

<table>
<tr><td>
BEGIN DIALINDEX (File 411).

Use SET FILES with categories or file numbers to select the files to scan.

Remember to place ORed search terms in parentheses when including AND and OR in the same SELECT statement.

If your search includes a field that is not indexed in a particular database, the system searches the other fields specified if available. If none of the fields are indexed, the search defaults to the Basic Index.
</td>
<td>

```
?b 411

DIALINDEX(R)
   (c) 2007 Dialog

*** DIALINDEX search results display in an abbreviated ***
*** format unless you enter the SET DETAIL ON command. ***

?sf mergeacq
   You have 50 files in your file list.
   (To see banners, use SHOW FILES command)

?s macromedia/ti,co and (merger? or merging or
acqui?)/ti,de

Your SELECT statement is:
   S MACROMEDIA/TI,CO AND (MERGER? OR MERGING OR
ACQUI?)/TI,DE

     Items  File
     -----  ----
        72     9: Business & Industry(R)_Jul/1994-2007/Mar
        29    15: ABI/Inform(R)_1971-2007/Mar 08
       135    16: Gale Group PROMT(R)_1990-2007/Mar 07
        55    18: Gale Group F&S Index(R)_1988-2007/Mar 07
       324    20: Dialog Global Reporter_1997-2007/Mar 08
         9   132: S&P`s  Daily  News_1985-2007/Mar 06
       163   148: Gale Group Trade & Industry DB_1976-2007
         2   211: Gale Group Newsearch(TM)_2007/Mar 07
         6   471: New York Times Fulltext_1980-2007/Mar 08
         7   474: New York Times Abs_1969-2007/Mar 08
        11   475: Wall Street Journal Abs_1973-2007/Mar 08
        28   483: Newspaper Abs Daily_1986-2007/Mar 08
         2   548: M&A Filings_1986-2000/Jun 27
        12   553: Wilson Bus. Abs._1982-2007/Mar
```
</td></tr>
</table>

```
          1    554: TFSD J V & Alliances_1990-2007/Mar 08
          2    583: Gale Group Globalbase(TM)_1986-2002/Dec
          8    608: KR/T Bus.News._1992-2007/Mar 08
        195    609: Bridge World Markets_2000-2001/Oct 01
        208    610: Business Wire_1999-2007/Mar 08
        187    613: PR Newswire_1999-2007/Mar 08
          6    616: Canada NewsWire_1999-2001/Mar 09
          3    624: McGraw-Hill Publications_1985-2007/Mar
         22    635: Business Dateline(R)_1985-2007/Mar 07
         52    636: Gale Group Newsletter DB(TM)_1987-2007/
         37    649: Gale Group Newswire ASAP(TM)_2007/Feb 12
          3    759: Business Insights_1992-2007/Feb
          1    761: Datamonitor Market Res._1992-2006/Jul
          2    767: Frost & Sullivan Market Eng_2007/Mar
          3    781: ProQuest Newsstand_1998-2007/Mar 07
          9    813: PR Newswire_1987-1999/Apr 30
          1    816: Canada NewsWire_1996-1999/Jun 24
       Examined  50 files


   31 files have one or more items; file list includes 50
files. One or more terms were invalid in 6 files.


?save temp
Temp SearchSave "TB388222406" stored


?rank files
Your last SELECT statement was:
   S MACROMEDIA/TI,CO AND (MERGER? OR MERGING OR
ACQUI?)/TI,DE


Ref    Items   File
---    -----   ----
N1      324    20: Dialog Global Reporter_1997-2007/Mar 08
N2      208    610: Business Wire_1999-2007/Mar 08
N3      195    609: Bridge World Markets_2000-2001/Oct 01
N4      187    613: PR Newswire_1999-2007/Mar 08
N5      163    148: Gale Group Trade & Industry DB_1976-2007
N6      135     16: Gale Group PROMT(R)_1990-2007/Mar 07
N7       72      9: Business & Industry(R)_Jul/1994-2007/Mar
N8       55     18: Gale Group F&S Index(R)_1988-2007/Mar 07
N9       52    636: Gale Group Newsletter DB(TM)_1987-2007
N10      37    649: Gale Group Newswire ASAP(TM)_2007/Feb 12
   31 files have one or more items; file list includes 50
files.
       - Enter P or PAGE for more -


?b n1:n6 current

SYSTEM:OS  - DIALOG OneSearch
  File  20:Dialog Global Reporter 1997-2007/Mar 08
        (c) 2007 Dialog
  File 610:Business Wire 1999-2007/Mar 08
        (c) 2007 Business Wire.
  File 609:Bridge World Markets 2000-2001/Oct 01
        (c) 2001 Bridge
  File 613:PR Newswire 1999-2007/Mar 08
```

SAVE TEMP stores the strategy for seven days and assigns a code that is used for later retrieval.

Enter RANK FILES (RF) to display a list of databases ranked by number of items retrieved.

You may use the N-numbers to BEGIN the desired files if you have not logged off after using DIALINDEX (e.g., **b n1:n4)**.
Or, you may use the file numbers (*e.g.*, 148, 16).

To open all databases with records, use **b hits**.

Add CURRENT to the BEGIN command to limit to the current year and one back year.

Enter EXECUTE STEPS (EXS) to process the strategy in the databases you entered in the BEGIN command.

This is another way to achieve date limitation. Check the Bluesheet for additional limits.

REMOVE DUPLICATES (RD) when in multiple databases with overlapping coverage.

```
          (c) 2007 PR Newswire Association Inc
  File 148:Gale Group Trade & Industry DB 1976-2007/Feb 27
         (c)2007 The Gale Group
  File  16:Gale Group PROMT(R) 1990-2007/Mar 07
         (c) 2007 The Gale Group
>>>CURRENT started


     Set  Items  Description
     ---  -----  -----------
?exs

Executing TB388222406
HILIGHT set on as '<'
            3817  MACROMEDIA/TI,CO
          950020  MERGER?/TI,DE
            2939  MERGING/TI,DE
         1203232  ACQUI?/TI,DE
     S1     193  MACROMEDIA/TI,CO AND (MERGER? OR MERGING
                  OR ACQUI?)/TI,DE

?s s1/2006:2007
             193  S1
        10511847  PY=2006 : PY=2007
     S2      37  S1/PY=2006:2007

?rd
     S3      32  RD  (unique items)
```

If you use EXS without the SearchSave code, the most recent SearchSave from the current session will be executed. To access prior searches, enter the code (*e.g.*, **exs td439)**.

When TYPEing records in multiple databases, consider using FROM EACH at the end of the command to view the most recent records from each database if there are too many to view all (*e.g.*, **t s3/3/1-2 from each)**.

[Some of the records are omitted from this display.]

```
?t s3/3/1-2 from each
3/3/2      (Item 2 from file: 20)


51464486
Adobe shares surge on strong financial results, solid
forecast Profit without items, revenue outpace analysts'
hopes

CBS MARKETWATCH (STORIES)
September 15, 2006


Journal Code: WCBQ   Language: English   Record Type:
FULLTEXT
Word Count: 506


3/3/25      (Item 1 from file: 148)
0021482066
Supplier Number:  154817413
    (USE FORMAT 7 OR 9 FOR FULL TEXT)

Acrobat 8 rolls out.(Mergers and acquisitions)
Peek, Robin
Information Today, 23, 10, 17(2)
Nov, 2006

ISSN: 8755-6286
Language:  English
Record Type:  Fulltext
Word Count:  1098
Line Count:  00086


 3/3/26      (Item 2 from file: 148)
0021300986
Supplier Number:  151764890
    (USE FORMAT 7 OR 9 FOR FULL TEXT)

Adobe's big happy family.(Adobe Systems Inc.)(Brief
article)
Jackson, Joab
Government Computer News, 25, 27, 40(1)
Sept 11, 2006
Document Type:  Brief article

ISSN: 0738-4300
Language:  English
Record Type:  Fulltext
Word Count:  289
Line Count: 00026
```

✓ **Learning Check #4**

Using the *Database Catalog* or DATABASE button on DialogWeb:

l. Choose a category to find information on:

>   handheld computers
>   dietary supplements
>   high definition television (HDTV)

2. Make your own category to find information on how methane production by cows contributes to global warming.

(Answers shown on page 41)

🖳 Online Practice #2

1. Before going online, write out the sequence of commands you would use to scan the DIALINDEX category PAPERSMJ for articles on dangers of chemicals leaching or migrating to food when cooking with a microwave, to execute that search in the top few databases, and type out records.

2. Use DIALINDEX. Go online and conduct the search you used for the exercise on page 32. (Scan the DIALINDEX category PAPERSMJ for articles on dangers of chemicals leaching or migrating to food when cooking with a microwave, to execute that search in the top few databases, and type out records.)

3. Locate articles that discuss the status of satellite Internet service.

(Answers are shown on page 42)

Section 6: Wrap Up

Summary

You have now reviewed and practiced the basics of searching on Dialog. You have used Dialog basic commands, key terms and synonyms. In addition, you have reviewed truncation, used proximity connectors and logical operators. You have also used the *Dialog Database Catalog*, DIALINDEX, and the Dialog Bluesheets to select databases. Finally, you have restricted searches to Basic and Additional Indexes, using suffixes and prefixes and the EXPAND command.

Other Dialog Training Tools

- Practice so that using Dialog commands and features becomes automatic.
    - Online Training and Practice (ONTAP) Databases provide practice in subsets of the complete databases. They are ideal to use to practice techniques learned in this seminar. Try the ONTAP practice exercises in the ONTAP Workbook found at ***training.dialog.com/sem_info/courses/#ontap***.

- Obtain help
    - Call the Knowledge Center help line nearest you for search help.
        North America: +1 800 334 2564
        Outside North America: +00 800.33 34 2564

- Enhance your Dialog search skills by taking advantage of additional training opportunities. At the Dialog Training Center on the Web (***training.dialog.com/sem_info/calendar***), you can find training schedules, seminar workbooks, and subject-specific short training aids.

    Of particular interest may be: Introduction to Dialog online courses available at the Dialog training Web site at ***training.dialog.com***. Each course is designed as a beginning course for the business, patent, life sciences, and engineering researcher.

    You can also sign up for remote training with a Dialog training consultant. See a schedule of sessions in your geographic area on the Dialog Web site at ***training.dialog.com/sem_info/calendar***.

- Try the **How Do I…?** series for short, concise applications of common and not-so-common searches using either DialogClassic or DialogLink 5 interfaces. Current applications for patents, trademarks and copyrights, and pharmaceutical information are available. Check the Web site often at **http://www.thomsondialog.com/howdoi/** for new applications and additional subject coverage.

- Sign up for the Dialog Community-of-Interest e-newsletters at **http://www.dialog.com/enewsletters/**. You may sign up for as many e-newsletters as you wish, free of charge. **E-newsletters** include product and content news, search tips, and items of general interest to researchers in topical areas such as pharmaceuticals, intellectual property, biomedicine, engineering and more.

Appendixes

Appendix A: Answers for Learning Checks and Online Practices
Appendix B: Dialog Online Practice Databases
Appendix C: Dialog Online Practice Databases Exercises and
Answers

Appendix A: Answers for Learning Checks and Online Practices

Learning Check #1 (page 12)

Fill in the blanks with appropriate connector(s):

1. Topic: Locate articles mentioning the Department of Defense.

    S WORLD _(w)_ TRADE _(w)_ (ORGANIZATION OR ORGANISATION)

2. Topic: Find newspaper articles about economic sanctions and Iraq.

    S ECONOMIC __(3n)__ SANCTION? __(s)__ IRAQ

3. Topic: Identify technical articles on preventing landslides.

    S (LANDSLIDE? __or__ LAND __(w)__ SLIDE?) __and__ PREVENT?

Learning Check #3 (page 30)

1. What PREFIX would you use to search for:

    a. Author Name   _____AU=_____

    b. Publication Date   _____PD=_____

    c. Journal Name   _____JN=_____

2. What SUFFIX would you use to limit your search to:

    a. Title   __/TI_____

    b. Abstract   __/AB_____

3. What predefined FORMAT would you use to display:

    a. Titles   _____6_____ *(or FREE)*

    b. Bibliographic Citation   _____3_____ *(or MEDIUM)*

    c. Complete Record   _____9_____ *(or FULL)*

Using the Bluesheet for ABI/INFORM (File 15) and your knowledge of Dialog commands, write out the search statements for the following questions.

4. Limit your search on Coca Cola to the Title and Company field. Also restrict the set to records published in the last two years.

```
s coca(w)cola/ti,co and py=2006:2007
```

5. Locate an article written by Louise Kramer.

```
e au=kramer ; s e#s
```

6. Display continuously the Titles, Publication Date and Descriptors for the first three records in Set 4.

```
t s4/8/1-3
```

7. Display continuously search terms in context for the 3rd, 6th, and 8th records in set 4.

```
t s4/k/3,6,8
```

Learning Check #4 (page 36)

Using the *Database Catalog* or DATABASE button on DialogWeb:

1. Choose a category to find information on:

> handheld computers   (COMPSCI, ELECTRON)
> dietary supplements   (ALTMED, MEDICINE)
> high definition television (HDTV) (ELECTRON)

2. Make your own category to find information on how methane production by cows contributes to global warming.

Online Practice #1 (page 16)

1. Find articles on the medical use of marijuana. Use File 47, Gale Group Magazine
    Database™.

    ```
    b 47
    s (marijuana or marihuana or cannabis)/ti,de,lp
    s (medical or medicin? or therap? or treatment? or
    prescri?)/ti,de,lp
    s s1 and s2
    t s3/8,k/1-5
    ```

2. Find current articles on the privatization in the telecommunications industry in Latin America
    or South America. Use File 20, Dialog Global Reporter.

    ```
    B 20
    s (latin(w)america? or south(w)america?)/gn
    s telecom?
    s privati?
    s s1 and s2 and s3
    t s4/8,k/1-3
    ```

3. Locate information on joint ventures or alliances in which Pfizer is involved. Use File 16,
    Gale Group PROMT®.

    ```
    b 16
    e co=pfizer
    s e#s
    s joint(w)venture? or alliance?
    s s1 and s2
    t s3/8,k/1-3
    ```

Online Practice #2 (page 36)

1. Use DIALINDEX. Scan the DIALINDEX category PAPERSMJ for articles on dangers of
    chemicals leaching or migrating to food when cooking with a microwave, to execute that
    search in the top few databases, and type out records.

    ```
    b 411
    sf papersmj
    s microwav? and chemical?(s)(leach? or migrat?)
    save temp
    rf
    b n#s
    exs
    t s2/3,k/1 from each
    ```

2. Locate articles that discuss the status of satellite internet service.

    ```
    b 9,16,148
    s (satellite (5n)internet)/ti
    s s1/2006:2007
    rd
    t s3/6,k/1-3 from each
    ```

Appendix B: Dialog ONTAP Practice Databases

215 ONTAP® ABI/INFORM®
210 ONTAP® AGRICOLA
385 ONTAP® Analytical Abstracts
255 ONTAP® Arts & Humanities Search®
382 ONTAP® Beilstein Abstracts
389 ONTAP® Beilstein Facts
205 ONTAP® BIOSIS Previews®
802 ONTAP® Boston Globe
250 ONTAP® CAB ABSTRACTS
204 ONTAP® CA SEARCH®: Chemical Abstracts®
804 ONTAP® Chemical Economics Handbook
231 ONTAP® CHEMSEARCH™
279 ONTAP® CLAIMS®/U.S. Patents
276 ONTAP® D&B - Dun's Market Identifiers®
219 ONTAP® D&B - Dun's Financial Records Plus™
280 ONTAP® Derwent World Patents Index
290 ONTAP® DIALINDEX®
289 ONTAP® DMS/FI Contract Awards
208 ONTAP® Ei Compendex®
383 ONTAP® Ei EnCompassPat™
272 ONTAP® EMBASE®
803 ONTAP® Energy Science and Technology
251 ONTAP® Food Science & Technology Abstracts
805 ONTAP® Gale Group Computer Database™
247 ONTAP® Gale Group Magazine Database™
281 ONTAP® Gale Group Marketing & Advertising Reference Service®
216 ONTAP® Gale Group PROMT®
253 ONTAP® INPADOC/Family and Legal Status
213 ONTAP® Inspec
274 ONTAP® International Pharmaceutical Abstracts
277 ONTAP® Investext®
254 ONTAP® MEDLINE®
206 ONTAP® NTIS: National Technical Information Service
212 ONTAP® PsycINFO®: Psychological Abstracts
294 ONTAP® SciSearch®: a Cited Reference Science Database
207 ONTAP® Social Scisearch®
296 ONTAP® TRADEMARKSCAN® - U.S. Federal
807 ONTAP® TULSA™ (Petroleum® Abstracts)

Appendix C: Dialog ONTAP Practice Exercises and Answers

To obtain free ONTAP passwords visit the Dialog Training homepage at:
        http://training.dialog.com/sem_info/ontap_pw.html

The following questions can be answered using the ONTAP databases. The answers can be found starting on page 46.

Business and News

1. Locate basic company information on Monsanto Chemical.
2. Find information on the cleanup of Boston Harbor. (Hint: Use ONTAP Boston Globe, File 802.)
3. Find a February 1992 article entitled "Corporate Cutbacks Hit Pension Staffs" in *Pensions & Investments* that discusses the use of consultants to manage investments.
4. Find the citation to an article by Annetta Miller in *Newsweek* that discusses cost cutting by the health care industry.
5. Find an article that discusses television viewing and the Nielsen rating for the Boston Marathon.
6. Locate an article by Jerry Ackerman on efforts New England is making to woo new business. (Note: The Author field (AU=) is *word indexed* in newspapers.)

(Sample answers are included on page 46)

Intellectual Property

NOTE: The files in this collection are for practice only and should not be used for legal research purposes.

7. Find patents held by W.L. Gore.
8. Who holds United States patent 4,372,734?
9. How many patents does James Edmonds have and for what company does he work?
10. Find Sara Lee's trademarks. (Hint: Expand on the Ownership (OW=) field.)
11. Are there any trademarks for conservation of natural resources or recycling? (Hint: Use the *word indexed* Goods and Services (GS=) field.)
12. Does Renaud Cointreau have any pending trademarks? (Hint: Use the Status (ST=) field.)

(Sample answers are included on page 47)

Medicine/Pharmaceutical

13. Find articles written by Eric Topol on heart disease. (Hint: Search in the Author (AU=) field.)
14. Locate articles in the *American Journal of Gastroenterology* on *helicobacter pylori*.
15. Find an article in the journal *Journal of Cardiovascular Risk* on the benefits of aspirin therapy following a heart attack (also referred to as myocardial infarction.)
16. Locate articles on the treatment and prevention of the eating disorder anorexia nervosa. (Hint: You may want to restrict concepts to title or descriptor.)
17. What health problem are the drugs timolol and latanoprost used to treat?
18. Find an article on anti-hypertensive agents from the *American Journal of Medicine*.
19. Using the ONTAP DIALINDEX database (File 290), identify databases that contain articles about the visual skills of cerebral palsy victims.

(Sample answers are included on page 47)

Social Sciences

20. Locate information on child abuse, retrieving records in which the terms appear in the title.
21. How are women portrayed in the writings of Gustave Flaubert?
22. Find a book review published in *JAMA* on January 8, 1988 that reminds doctors to consider the humanitarian side of treating their patients. (Hint: Use Gale Group Magazine Database™, File 247.)
23. Use ONTAP DIALINDEX, File 290, to find English language articles on adolescent alcoholism.

(Sample answers are included on page 49)

Technology and Engineering

24. Find information on the effects of herbicides on tomatoes.
25. Use ONTAP DIALINDEX, File 290, to find technical articles on the use of semiconductors in microwave devices.
26. Find technical articles on copper etching in printed circuits. (Hint: Use Ei Compendex®, File 208)
27. Find articles about Hewlett Packard printers.
28. Find articles from *Science* magazine on the topic of acid rain published in l988. (Hint: Use ONTAP Gale Group Magazine Database, File 247.)
29. Did the Department of Energy publish any reports in 1994 on nuclear reactors?
30. Find an article on genetically modified food published in the journal *Food Science & Technology Today*.

(Sample answers are included on page 49)

Dialog ONTAP Practice Exercises Answer Key

Business and News

1. Locate basic company information on Monsanto Chemical.
```
b 276
e co=monsanto chemical
s e#
t s1/9/1
```

2. Find information on the cleanup of Boston Harbor. (Hint: Use ONTAP Boston Globe, File 802.)
```
b 802
s boston and harbor and (cleanup or clean(w)up)
s s1/ti
t s2/3,k/1-5
```

3. Find a February 1992 article entitled "Corporate Cutbacks Hit Pension Staffs" in *Pensions & Investments* that discusses the use of consultants to manage investments.
```
b 216
e jn=pensions and investment
s e#
s s1 and pd=199202?
s pension (w) staff?/ti
s s2 and s3
```

4. Find the citation to an article by Annetta Miller in *Newsweek* that discusses cost cutting by the health care industry.
```
b 247
e au=miller, annetta
s e#
e jn=newsweek
s e#
s s1 and s2
s s3 and (healthcare or health(w)care)
t s4/3/1
```

5. Find an article that discusses television viewing and the Nielsen rating for the Boston Marathon.
```
b 802
s boston(w)marathon
s nielsen(w)rating
s s1(s)s2
t s3/6,k/1
```

6. Locate an article by Jerry Ackerman on efforts New England is making to woo new business. (Note: The Author field (AU=) is *word indexed* in newspapers.)
```
b 802
s au=(ackerman(1n)jerry)
s new (w)business
s s1 and s2
t s3/3,k/1
```

Intellectual Property

Note: The files in this collection are for practice only and should not be used for legal research purposes.

7. Find patents held by W.L. Gore.
```
b 280
e pa=gore
s e#s
t s1/3/1-3
```

8. Who holds United States patent 4,372,734?
```
b 279
e pn=us 4372734
t s1/3/1
```

9. How many patents does James Edmonds have and for what company does he work?
```
b 279
e au=edmonds james
s e#s
t s1/3/all
```

10. Find Sara Lee's trademarks. (Hint: Expand on the Ownership field (OW=)
```
b 296
e ow=sara lee
s e#s
t s1/49/all
```

11. Are there any trademarks for conservation of natural resources or recycling?
    (Hint: Use the *word indexed* Goods and Services field (GS=)
```
b 296
s gs=(conserv?(3n)natural(w)resource? or recycl?)
t s1/9/1-5
```

12. Does Renaud Cointreau have any pending trademarks? (Hint: Use the Status field (ST=).)
```
b 296
e co=renaud cointreau
s e#
s s1 and st=pending
t s2/9/1-3
```

Medicine/Pharmaceutical

13. Find articles written by Eric Topol on heart disease. (Hint: Search in the Author field (AU=) in File 205.)
```
b 254,272,205
e au=topol e
s e#s
s heart/ti,de
s s1 and s2
 t s3/8/all
```

14. Locate articles in the *American Journal of Gastroenterology* on *helicobacter pylori*.

```
b 272
e jn=american journal of gastroenterology
s e#s
s helicobacter(w)pylori
s s1 and s2
t s3/9/1
```

15. Find an article in the *Journal of Cardiovascular Risk* on the benefits of aspirin therapy following a heart attack (also referred to as myocardial infarction).

```
b 272
e jn=journal of cardiovascular
s e#s
s (heart(w)attack? or myocardial(w)infarction)/ti,de
s aspirin
s s1 and s2 and s3
t s4/3/1-3
```

16. Locate articles on the treatment and prevention of the eating disorder anorexia nervosa. (Hint: You may want to restrict concepts to title or descriptor.)

```
b 254,272,205
s (anorexia(w)nervosa)/ti,de
s (treatment or therap? or prevent?)/ti,de
s s1 and s2
rd
t s4/9/1 from each
```

17. What health problem are the drugs timolol and latanoprost used to treat?

```
b 274,254,272
s timolol and latanoprost
rd
t s2/3,k/all
```

18. Find an article on anti-hypertensive agents from the *American Journal of Medicine*.

```
b 254,274,205
e jn=american journal of medicine
s e#s
s antihypertensive? or anti(w)hypertensive?
s s1 and s2
t s3/9/1 from each
```

19. Using the ONTAP DIALINDEX database (File 290), identify databases that contain articles about the visual skills of cerebral palsy victims.

```
b 290
sf ontaps
s cerebral(w)palsy and (vision or visual)
save temp
b hits
exs
rd
t s2/9/all
```

Social Sciences

20. Locate information on child abuse, retrieving records in which the terms appear in the title.
```
b 212
s (child?(3n)abus?)/ti
t s1/6/1-10
```

21. How are women portrayed in the writings of Gustave Flaubert?
```
b 255
s flaubert?
s wom?n
s s1 and s2
t s3/3,k/1
```

22. Find a book review published in *JAMA* on January 8, 1988 that reminds doctors to consider the humanitarian side of treating their patients. (Hint: Use ONTAP Magazine Database, File 247.)
```
b 247
e jn=jama
s e#s
s humanitarian?
s s1 and s2 and pd=19880108
t s3/9/1
```

23. Use ONTAP DIALINDEX (File 290) to find English language articles on adolescent alcoholism.
```
b 290
sf ontaps
s alcohol? and (teen? or adolescen? or youth?)
save temp
b hits
exs
s s1 and la=eng?
rd
t s3/6,k/1 from each
```

Technology and Engineering

24. Find information on the effects of herbicides on tomatoes.
```
b 210
s tomato? and herbicide?
t s1/6,k/all
```

25. Use ONTAP DIALINDEX (File 290) to find technical articles on the use of semiconductors in microwave devices.
```
b 290
sf ontaps
s semiconductor? and microwave?
save temp
b 208,213
exs
rd
t s2/8/1-2 from each
```

26. Find technical articles on copper etching in printed circuits. (Hint: Use Ei Compendex, File 208)

```
b 208
s copper()plating and printed(w)circuit?
t s1/8/all
```

27. Find articles about Hewlett Packard printers.

```
b 805
s hewlett(w)packard (s) printer?
t s1/3,k/1-3
```

28. Find articles from *Science* magazine on the topic of acid rain published in l988. (Hint: Use ONTAP Magazine Database, File 247.)

```
b 247
e jn=science
s e#s
s acid(w)rain
s s1 and s2 and py=1988
t s3/9/1
```

29. Did the Department of Energy publish any reports in 1994 on nuclear reactors?

```
b 206
s nuclear(w)reactor?/ti
s cs=energy
s s1 and s2 and py=1994
t s3/3/all
```

30. Find an article on genetically modified food published in the journal *Food Science & Technology Today*.

```
b 251
e jn=food science
s e#
s genetic?(5n)(modified or alter?)
s s1 and s2
t s3/3/1
```