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	idx_b.htm	09-Aug-1999 16:41	4k	
	idx_c.htm	09-Aug-1999 16:41	8k	
	idx_d.htm	09-Aug-1999 16:41	7k	
	idx_e.htm	09-Aug-1999 16:41	4k	
	idx_f.htm	09-Aug-1999 16:41	6k	
	idx_g.htm	09-Aug-1999 16:41	3k	
	idx_h.htm	09-Aug-1999 16:41	4k	
	idx_i.htm	09-Aug-1999 16:41	4k	
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	idx_k.htm	09-Aug-1999 16:41	3k	
	idx_l.htm	09-Aug-1999 16:41	5k	
	idx_m.htm	09-Aug-1999 16:42	5k	
	idx_n.htm	09-Aug-1999 16:42	3k	
	idx_o.htm	09-Aug-1999 16:42	4k	
	idx_p.htm	09-Aug-1999 16:42	7k	
	idx_q.htm	09-Aug-1999 16:42	3k	
	idx_r.htm	09-Aug-1999 16:42	5k	
	idx_s.htm	09-Aug-1999 16:42	7k	
	idx_t.htm	09-Aug-1999 16:42	5k	
	idx_u.htm	09-Aug-1999 16:42	4k	
	idx_v.htm	09-Aug-1999 16:42	3k	
	idx_w.htm	09-Aug-1999 16:42	5k	
	idx_x.htm	09-Aug-1999 16:42	4k	
	idx_y.htm	09-Aug-1999 16:42	3k	

Apache/1.3.3 Server at self-evident.com Port 80

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Full Text Search

Use this HTML form to search the contents of *Learning the UNIX Operating System*.

Results report format: Expanded	Reset search form
Search for	

If you are having difficulty searching, or if you have not used this search utility before, please read this.

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About Searching this CD

This CD includes search technology from Innotech Multimedia Corporation. Your Web browser uses an ordinary HTML form like this one to perform the search by communicating with a single-purpose Web server, written in Java.

Therefore, in order to search the CD, the search server must be running. In order for the search server to run, you must have a Java interpreter, either the Java Developers' Kit (JDK) or the Java Runtime Engine (JRE). A JRE is provided for some platforms on this CD; you may already have the JDK installed as part of your operating system. If you haven't run the server before, or if you're having difficulty, please see below.

The search engine supports basic Boolean operators: `AND`, `OR`, and `NOT`. You can use these to refine your search. Example:

```
pipe AND stderr NOT stdout
```

The **Results report format** setting controls the style of report received. A **Simple** report will just list the documents found and a relevancy ranking; an **Expanded** report will give the first section of the document's content.

Using the Server

- Are you using UNIX?
- Are you running Windows 95, Windows 98, or Windows NT?
- Are you using a Macintosh?
- Are you using something else?

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Full Text Search

Use this HTML form to search the content of all of the books on *The UNIX CD Bookshelf*.

Results report format: Expanded	Reset search form
Search for	

If you are having difficulty searching, or if you have not used this search utility before, please read this.

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About Searching on UNIX

You need to have a JRE or JDK installed. An executable called `jre` or `java` should be in your path, or the `JRE` environment variable should be set to the full path to some Java interpreter. If you don't have a Java interpreter, you can install a JRE.

When that is done, you can run `run_me.sh` from the root directory of the CD-ROM.

If you are using Lynx

If you are using Lynx as your Web browser, the search will not work the first time you run the `run_me.sh` script. Wait for the message

```
Search Service using port: 6010
```

Then type ctrl-C to shut the search server down, and run `run_me.sh` again. Searches will now work from Lynx.

Installing a JRE

In the `jre` directory of the CD are JREs for several platforms:

FreeBSD
`jre1.1.6i.V98-9-23_FreeBSD.tar.gz`

HP-UX

- HP-UX 10.20
  `jre1153_hpux1020.tar.Z`
- HP-UX 11
  `jre1153_hpux11.tar.Z`

Linux

- Linux with glibc
  `jre1.1.6-v2-Linux-glibc.tar.gz`
- Linux with libc5
  `jre1.1.6-v2-Linux-libc5.tar.gz`

Solaris

- Solaris 2.4-2.6 for SPARC
  `jre116-solaris2-sparc.bin`
- Solaris 2.5-2.6 for x86
  `jre116-solaris2-x86.bin`

SunOS 4.1.3

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```
jre1.1.5-sunos.tar.gz
```

The Solaris packages can be run; they will create a JRE installation in the current directory:

```
root@localhost:/usr/local# /cdrom/jre/jre116-solaris2-sparc.bin
```

will create a `/usr/local/jre1.1.6` directory.

The other packages should be extracted into a directory, such as `/usr/local/`:

```
root@localhost:/usr/local# zcat /cdrom/jre/jre1.1.6-v2-Linux-libc5.tar.gz
```

will similarly create a `/usr/local/jre1.1.6` directory.

The HP-UX packages are system addition packages, and can be installed with your system's utilities.

Licensing terms prevent us from distributing JREs for AIX, Digital UNIX, and SCO UNIX. You can find these, and other JREs, from http://java.tqn.com/msub2.htm.

If you experience any problems running the server, `cd` to the `netresults` directory, run

```
jre -mx16m -cp . -ms8m itm.nr.serve.NRServer +ds +es +vs
```

and try the search again. The console will show more debugging information; have this available when contacting us.

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http://www.colorpilot.com

About Searching on Windows

When you put the CD into your computer, the search server should have started automatically. When it is running, you will have both a console (entitled `JRE` or `NetResults` depending on its state) and a button labeled "Exit Search Service".

The first time the server runs, it will prompt you for a place to store temporary files. Unless you have a strong objection, the default of `C:\TEMP` should be fine.

If you have shut the server down, or if it failed to start for you, you can run `NetResults.bat` in the CD's root directory.

The `AUTORUN.INF` file should also install a Java interpreter.

If you experience any problems running the server, please do the following:

1. Open an MS-DOS prompt
2. Change to the `netresults` directory on the CD-ROM; e.g.,

```
C:\> d:
D:\> cd netresults
D:\NETRESULTS>
```

3. Run the search server manually with these parameters:

```
D:\NETRESULTS> jre -mx16m -cp . -ms8m itm.nr.serve.NRServer +ds +es +vs
```

Then try the search again. The console will show more debugging information; have this available when contacting us.

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About Searching on a Macintosh

Due to the lack of a command line on the Macintosh, using Java applications is a little bit complicated. If you follow these steps, running the search server should not be too painful.

1. In the `mac` folder on the CD is a BinHex file called `macsearch.hqx`. De-BinHex it; you may be able to double-click on it to do this, or you may need to open it with an expander like UnStuffIt. That will create an Applescript application called `Start Search Service`.
2. Run `Start Search Service`. It should copy some files into your `Preferences` folder and create an alias on your desktop called `NRSearch`.
3. Run `NRSearch`. You will see a console window and a button labeled "Exit Search Service" while the search server is running. Clicking on the button will shut down the search server.

You can safely move the `NRSearch` alias anywhere you like without affecting the performance of the search engine. You should not move the `NRPrefs` folder from your `Preferences` folder, or change any of the files inside that folder.

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About Searching on Other Platforms

You'll need to get a JRE or JDK. There is an excellent list at http://java.tqn.com/msub2.htm. Once you have it, go to the `netresults` directory of the CD-ROM, and run

```
jre -mx16m -cp . -ms8m itm.nr.serve.NRServer
```

If you are having any problems running the server, please:

1. Try a demonstration program that came with your JRE or JDK to be sure it is properly installed.
2. Run the command again as

   ```
   jre -mx16m -cp . -ms8m itm.nr.serve.NRServer +ds +es +vs
   ```

   for maximum debugging information before contacting us.

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- Solaris 2.5-2.6 for x86
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SunOS 4.1.3

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```

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```

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```
root@localhost:/usr/local# zcat /cdrom/jre/jre1.1.6-v2-Linux-libc5.tar.gz
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D:\NETRESULTS>
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