

指定フォルダの情報取得

説明は後で。

[Program.cs](#)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace GetFolderSize
{
    class Program
    {
        static void Main(string[] args)
        {
            FolderNodes a = new FolderNodes(@"D:\Perl64");
            ListFolderNode(a, 5);
        }
        static void ListFolderNode(FolderNodes fn, int maxLevel)
        {
            print();
            treeWalk(fn, maxLevel);
        }
        static void treeWalk(FolderNodes fn, int maxLevel)
        {
            if (fn.deepLevel <= maxLevel)
            {
                StringBuilder sb = new StringBuilder();
                FolderNodes[] fns = fn.subFolders;

                sb.Clear();
                sb.Append('\t', fn.deepLevel);
                sb.Append(fn.path);

                print(fn.totalFileCount, fn.totalFolderCount,
                    fn.totalFolderSize, fn.deepLevel, sb.ToString());

                if (fns != null)
                {
                    for (int idx = 0; idx < fns.Length; idx++)
                    {
                        treeWalk(fns[idx], maxLevel);
                    }
                }
            }
        }
    }
}
```

```
        static void print()
        {
            Console.WriteLine(" files\t folders\t size\t level\t
folderName");
        }
        static void print(long files, long folders, long size, int
nestLevel, string folderName)
        {
            Console.WriteLine("{0:#,##0}\t{1:#,##0}\t{2:#,##0}\t{3}\t{4}", files,
folders, size, nestLevel, folderName);
        }
    }
}
```

FolderNodes.cs

```
using System.Linq;
using System.Threading.Tasks;
using System.IO;

namespace GetFolderSize
{
    class FolderNodes
    {
        const int Parallelism = 6;

        object LockObject = new object();

        string BasePathString = "";
        int DeepLevel = 0;
        long TotalFileCount = 0;
        long TotalFolderCount = 0;
        long TotalFolderSize = 0;
        FolderNodes[] SubFolders = null;

        public string fullPath { get { return BasePathString; } }
        public string path { get { return
Path.GetFileName(BasePathString); } }
        public FolderNodes[] subFolders { get { return SubFolders; } }
        public long totalFileCount { get { return TotalFileCount; } }
        public long totalFolderCount { get { return TotalFolderCount; } }
    }

    public long totalFolderSize { get { return TotalFolderSize; } }
    public int deepLevel { get { return DeepLevel; } }

    public FolderNodes(string path)
    {
        if (Directory.Exists(path))
        {
```

```
        GetFolderInfo(Path.GetFullPath(path), 0);
    }
    else
    {
        throw new DirectoryNotFoundException();
    }
}
public FolderNodes(string path, int level)
{
    if (Directory.Exists(path))
    {
        GetFolderInfo(Path.GetFullPath(path), level);
    }
    else
    {
        throw new DirectoryNotFoundException();
    }
}
private void GetFolderInfo(string path, int level)
{
    ParallelOptions po = new ParallelOptions();
    DirectoryInfo di = new DirectoryInfo(path);
    DirectoryInfo[] dis = di.GetDirectories();
    FileInfo[] fis = di.GetFiles();

    po.MaxDegreeOfParallelism = Parallelism;

    BasePathString = di.FullName;
    DeepLevel = level;

    TotalFileCount = fis.Length;
    TotalFolderCount = dis.Length;
    TotalFolderSize = fis.Sum(item => item.Length);

    if (dis.Length != 0)
    {
        FolderNodes[] folders = new FolderNodes[dis.Length];

        int N = folders.Length;
        Parallel.For(0, N, po, idx =>
        {
            folders[idx] = new FolderNodes(dis[idx].FullName,
level + 1);

            lock(LockObject)
            {
                TotalFileCount +=
folders[idx].TotalFileCount;
                TotalFolderCount +=
folders[idx].TotalFolderCount;
                TotalFolderSize +=
folders[idx].TotalFolderSize;
            }
        });
    }
}
```


2	0	25,600	5	Callback
3	0	52,864	4	Internet
3	0	45,681	4	Sound
3	0	40,576	4	Registry
3	0	36,480	4	Shortcut
3	0	34,407	4	Job
3	0	30,336	4	EventLog
4	0	29,989	4	NetResource
4	0	28,937	4	PerfLib
3	0	27,269	4	Clipboard
3	0	23,700	4	FileSecurity
3	0	23,163	4	Service
3	0	22,999	4	IPC
4	0	20,808	4	AuthenticateUser
2	0	19,968	4	Event
2	0	19,456	4	ChangeNotify
2	0	18,432	4	Mutex
2	0	18,432	4	Semaphore
3	0	18,028	4	File
1	0	67	4	TieRegistry
6	2	1,353,116	3	GD
1	0	494	4	Graph
1	0	89	4	Text
6	2	1,014,032	3	Unicode
3	0	665,733	4	Collate
3	0	348,299	4	Normalize
11	0	369,845	3	DBI
2	0	347,136	3	re
8	3	331,047	3	Win32API
3	0	172,215	4	Registry
2	0	81,408	4	File
3	0	77,424	4	Net
9	5	284,576	3	Devel
2	0	173,279	4	NYTProf
3	0	88,139	4	PPPort
2	0	23,040	4	Peek
1	0	76	4	StackTrace
1	0	42	4	GlobalDestruction
7	6	229,686	3	ActiveState
2	0	211,602	4	Scineplex
2	1	15,872	4	Win32
2	0	15,872	5	Shell
1	0	1,167	4	PerlCritic
1	0	946	4	Utils
1	0	99	4	RelocateTree
4	3	218,234	3	XML
3	1	218,171	4	Parser
2	0	216,576	5	Expat
1	0	63	4	Simple
8	3	193,488	3	Compress
8	2	193,488	4	Raw

4	0	111,845	5	Zlib
4	0	81,643	5	Bzip2
2	3	149,643	3	YAML
1	1	149,504	4	XS
1	0	149,504	5	LibYAML
1	0	139	4	LibYAML
3	1	117,028	3	Bit
3	0	117,028	4	Vector
6	2	115,496	3	List
3	0	71,298	4	MoreUtils
3	0	44,198	4	Util
9	4	104,290	3	Digest
3	0	51,828	4	SHA
2	0	27,719	4	SHA1
3	0	24,644	4	MD5
1	0	99	4	HMAC
3	0	89,710	3	Storable
8	4	89,088	3	PerlIO
2	0	29,184	4	encoding
2	0	25,088	4	via
2	0	20,480	4	scalar
2	0	14,336	4	mmap
2	0	82,432	3	POSIX
6	1	76,517	3	threads
3	0	39,036	4	shared
4	2	68,663	3	B
1	0	29	4	Keywords
1	0	26	4	Debug
10	7	66,386	3	Text
3	0	49,267	4	CSV_XS
2	0	16,896	4	Soundex
1	0	97	4	Diff
1	0	34	4	Autoformat
1	0	34	4	ParseWords
1	0	30	4	Reform
1	0	28	4	Glob
6	2	53,499	3	Time
3	0	28,301	4	Piece
3	0	25,198	4	HiRes
7	5	52,722	3	HTML
3	0	51,512	4	Parser
1	0	1,084	4	Tree
1	0	68	4	Template
1	0	30	4	Tagset
1	0	28	4	Form
7	3	47,968	3	Params
3	0	24,274	4	Classify
3	0	23,663	4	Util
1	0	31	4	Check
11	10	45,675	3	File
2	0	30,208	4	Glob

2	0	14,848	4	DosGlob
1	0	388	4	HomeDir
1	0	77	4	Which
1	1	38	4	Copy
1	0	38	5	Recursive
1	0	31	4	Listing
1	0	29	4	Fetch
1	0	28	4	Next
1	0	28	4	Temp
4	2	45,056	3	Hash
4	1	45,056	4	Util
2	0	23,552	5	FieldHash
6	2	44,734	3	Sys
4	0	29,886	4	Syslog
2	0	14,848	4	Hostname
4	3	42,156	3	Data
2	0	41,984	4	Dumper
1	0	141	4	Dump
1	0	31	4	OptList
2	0	41,982	3	Moose
4	2	37,644	3	Version
2	0	37,376	4	vxs
1	0	39	4	Requirements
6	4	34,186	3	Package
4	1	34,105	4	Stash
3	0	33,914	5	XS
1	0	45	4	DeprecationManager
1	0	36	4	Constants
2	0	32,768	3	Socket
2	0	32,256	3	SDBM_File
2	0	26,624	3	Opcode
7	5	26,537	3	Term
4	0	26,372	4	ReadKey
1	1	78	4	ReadLine
1	0	78	5	Perl
1	0	60	4	UI
1	0	27	4	Cap
3	1	26,141	3	MRO
1	0	29	4	Compat
6	5	25,943	3	IO
1	0	1,201	4	Compress
1	1	112	4	Socket
1	0	112	5	SSL
1	0	28	4	String
1	0	26	4	HTML
2	0	25,088	3	arybase
2	0	22,528	3	Fcntl
3	1	22,166	3	MIME
3	0	22,166	4	Base64
3	2	22,151	3	Math
3	1	22,151	4	BigInt

2	0	22,016	5	FastCalc
2	2	19,968	3	Filter
2	1	19,968	4	Util
2	0	19,968	5	Call
7	6	19,916	3	Class
4	1	19,705	4	Load
3	0	19,644	5	XS
1	0	111	4	Accessor
1	0	59	4	C3
1	1	41	4	Data
1	0	41	5	Inheritable
2	2	18,944	3	Tie
2	1	18,944	4	Hash
2	0	18,944	5	NamedCapture
2	0	18,432	3	attributes
2	0	18,432	3	Cwd
4	0	17,629	3	Clone
6	4	16,695	3	Sub
3	0	16,486	4	Name
1	0	149	4	Exporter
1	0	30	4	Install
1	0	30	4	Uplevel
3	1	15,620	3	Readonly
2	0	15,429	4	XS
2	2	13,613	3	Perl
1	0	13,583	4	Critic
1	0	30	4	OSType
6	7	4,100	3	Module
1	0	3,499	4	Build
1	0	375	4	Pluggable
1	0	110	4	Runtime
1	1	42	4	Load
1	0	42	5	Conditional
1	0	40	4	Implementation
1	0	34	4	Metadata
1	0	3,559	3	PPI
4	5	3,514	3	ActivePerl
1	0	2,961	4	PPM
1	0	487	4	DocTools
1	0	36	4	Config
1	1	30	4	CPAN
1	0	30	5	Config
2	2	2,911	3	PPIx
1	0	2,750	4	Regexp
1	0	161	4	Utilities
4	4	2,440	3	Test
1	0	2,089	4	Harness
1	0	283	4	Simple
1	0	35	4	Differences
1	0	33	4	Exception
5	5	2,437	3	ExtUtils

1	0	1,104	4	MakeMaker
1	0	656	4	CBuilder
1	0	534	4	ParseXS
1	0	108	4	Install
1	0	35	4	Command
2	2	2,035	3	CPANPLUS
1	1	86	4	Dist
1	0	86	5	Build
1	1	1,693	3	Locale
1	0	1,693	4	Codes
1	0	1,495	3	URI
3	3	1,159	3	LWP
1	0	64	4	MediaTypes
1	1	37	4	Protocol
1	0	37	5	https
3	2	1,124	3	Pod
1	0	556	4	Perldoc
1	0	239	4	Parser
3	3	860	3	Archive
1	0	574	4	Zip
1	0	252	4	Tar
1	0	34	4	Extract
1	1	760	3	SQL
1	0	760	4	Statement
6	6	562	3	HTTP
1	0	331	4	Message
1	0	112	4	Cookies
1	0	33	4	Negotiate
1	0	30	4	Daemon
1	0	28	4	Date
1	0	28	4	Tiny
1	1	414	3	Date
1	0	414	4	Calc
2	2	360	3	WWW
1	0	282	4	Mechanize
1	0	78	4	RobotRules
3	2	326	3	JSON
1	0	110	4	PP
1	0	27	4	Any
3	3	319	3	CPAN
3	2	319	4	Meta
1	0	41	5	Requirements
1	0	33	5	YAML
2	2	313	3	Algorithm
1	0	209	4	Diff
1	0	104	4	C3
1	0	246	3	CGI
1	0	220	3	Tkx
1	0	192	3	autodie
1	1	141	3	Log
1	0	141	4	Message

2	1	109	3	Carp
1	0	57	4	Clan
1	1	105	3	Mozilla
1	0	105	4	CA
1	1	73	3	Exception
1	0	73	4	Class
1	0	62	3	ap-iis-config
1	1	58	3	Getopt
1	0	58	4	Long
1	0	57	3	AutoLoader
2	1	56	3	Shell
1	0	32	4	Command
1	0	56	3	Text-Wrap
1	1	38	3	Dist
1	0	38	4	CheckConflicts
1	1	35	3	PPM
1	0	35	4	Repositories
1	1	34	3	Object
1	0	34	4	Accessor
1	2	34	3	Parse
1	1	34	4	CPAN
1	0	34	5	Meta
1	1	32	3	Email
1	0	32	4	Address
1	1	31	3	Eval
1	0	31	4	Closure
1	1	30	3	Config
1	0	30	4	Tiny
1	1	30	3	Scope
1	0	30	4	Guard
1	1	30	3	Task
1	0	30	4	Weaken
1	1	27	3	Try
1	0	27	4	Tiny
1	1	26	3	IPC
1	0	26	4	Cmd
1	0	25	3	parent
1	0	24	3	mylib
1	0	22	3	lib
1	0	2	3	sdbm
1	0	2	3	Win32CORE
178	0	6,962,125	2	pods
95	3	3,225,003	2	Unicode
92	2	3,007,245	3	Collate
82	0	928,166	4	Locale
7	0	516,826	4	CJK
85	2	2,962,667	2	CORE
1	0	10,688	3	sys
1	0	55	3	arpa
887	70	2,833,870	2	unicore
34	0	852,545	3	To

843	68	789,491	3	lib
221	0	96,489	4	Blk
39	0	83,931	4	Perl
13	0	67,648	4	In
36	0	65,025	4	Gc
117	0	59,517	4	Nv
95	0	53,684	4	Sc
31	0	33,379	4	Lb
13	0	30,607	4	SB
55	0	27,349	4	Ccc
58	0	25,934	4	Jg
15	0	23,915	4	Age
32	0	19,565	4	Scx
19	0	17,505	4	Bc
10	0	15,849	4	WB
17	0	14,139	4	Dt
6	0	8,596	4	GCB
2	0	8,596	4	NFKDQC
5	0	7,690	4	Jt
1	0	7,502	4	GrBase
1	0	7,460	4	CWKCF
1	0	6,663	4	XIDC
1	0	6,604	4	IDC
5	0	6,488	4	Ea
1	0	6,304	4	Alpha
2	0	6,245	4	NFKCQC
1	0	5,751	4	XIDS
1	0	5,708	4	Lower
1	0	5,698	4	IDS
1	0	5,612	4	Upper
2	0	5,298	4	NFDQC
1	0	5,286	4	CWT
1	0	5,279	4	CWCF
1	0	5,275	4	CWU
1	0	5,164	4	CWL
3	0	4,461	4	Nt
1	0	3,333	4	CI
2	0	2,267	4	NFCQC
1	0	1,870	4	Math
1	0	1,710	4	Cased
1	0	1,646	4	Dia
1	0	1,538	4	BidiM
1	0	1,479	4	CWCM
1	0	1,119	4	Term
1	0	1,085	4	CompEx
1	0	908	4	STerm
1	0	742	4	SD
1	0	724	4	CE
1	0	704	4	PatSyn
1	0	655	4	NChar
1	0	614	4	Ext

1	0	592	4		Dash
1	0	577	4		DI
1	0	552	4		Ideo
1	0	552	4		UIdeo
1	0	537	4		QMark
1	0	510	4		Dep
1	0	506	4		Hyphen
1	0	491	4		Hst
1	0	489	4		Hex
1	0	475	4		LOE
1	0	472	4		PatWS
1	0	458	4		VS
1	0	456	4		AHex
1	0	456	4		Radical
1	0	445	4		BidiC
1	0	445	4		IDSB
1	0	434	4		IDST
1	0	434	4		JoinC
49	2	2,177,385	2		Locale
32	0	1,997,399	3		Codes
5	0	50,694	3		Maketext
196	29	1,371,928	2		Perl
193	28	1,309,081	3		Critic
141	17	799,518	4		Policy
21	0	127,279	5		ValuesAndExpressions
12	0	88,957	5		RegularExpressions
15	0	86,781	5		Variables
12	0	75,823	5		Subroutines
14	0	61,883	5		InputOutput
11	0	57,836	5		Modules
15	0	51,998	5		BuiltinFunctions
10	0	47,173	5		ControlStructures
5	0	42,442	5		Documentation
7	0	36,026	5		CodeLayout
2	0	33,303	5		NamingConventions
6	0	31,806	5		TestingAndDebugging
2	0	28,290	5		ErrorHandling
4	0	14,965	5		Miscellanea
3	0	7,540	5		ClassHierarchies
1	0	4,718	5		Objects
1	0	2,698	5		References
7	1	48,932	4		Utils
1	0	2,892	5		POD
17	5	44,834	4		Exception
9	3	24,955	5		Configuration
3	0	5,757	5		Fatal
6	1	25,940	4		PolicyParameter
5	0	23,023	5		Behavior
41	8	1,147,499	2		DBD
3	0	159,709	3		ODBC
12	1	118,807	3		Oracle

9	0	98,501	4	Troubleshooting
9	2	46,655	3	Gofer
5	0	35,428	4	Transport
4	0	11,227	4	Policy
3	0	31,557	3	File
1	0	5,045	3	SQLite
38	7	1,091,304	2	Devel
28	2	606,527	3	NYTProf
15	1	493,615	4	js
9	0	415,349	5	jit
1	2	171,520	3	auto
1	1	171,520	4	Devel
1	0	171,520	5	NYTProf
1	0	5,003	3	StackTrace
63	3	1,040,378	2	Pod
28	0	347,527	3	Simple
12	0	42,852	3	Perldoc
3	0	16,910	3	Text
42	5	990,245	2	Module
29	1	344,641	3	Build
14	0	33,567	4	Platform
2	0	21,348	3	CoreList
1	0	17,953	3	Load
1	0	12,111	3	Pluggable
183	35	893,074	2	Moose
121	22	372,139	3	Meta
83	9	100,085	4	Method
76	8	74,625	5	Accessor
10	2	46,056	4	Role
4	0	26,054	5	Application
2	0	3,904	5	Method
8	0	40,411	4	TypeConstraint
9	2	40,186	4	Attribute
8	1	32,756	5	Native
1	0	3,121	4	Mixin
1	0	2,361	4	TypeCoercion
1	1	1,848	4	Class
1	0	1,848	5	Immutable
1	0	1,527	4	Object
16	0	191,216	3	Manual
28	6	168,969	3	Cookbook
11	0	83,699	4	Basics
5	0	26,097	4	Meta
3	0	19,513	4	Extending
3	0	17,821	4	Roles
3	0	15,250	4	Legacy
2	0	5,742	4	Snack
3	1	61,896	3	Util
1	0	10,780	4	TypeConstraints
1	0	9,318	3	Spec
4	0	6,571	3	Error

67	9	837,669	2	ExtUtils
4	0	62,907	3	Constant
12	2	47,456	3	CBuilder
11	1	37,197	4	Platform
3	0	10,956	5	Windows
1	0	24,366	3	Liblist
4	0	21,425	3	ParseXS
3	0	18,656	3	MakeMaker
4	0	12,599	3	Typemaps
1	0	7,383	3	Command
29	3	788,236	2	Net
2	0	17,916	3	HTTP
1	0	10,458	3	SSLLeay
5	0	6,594	3	FTP
42	4	780,692	2	Win32
8	0	122,652	3	OLE
5	1	72,247	3	API
1	0	8,298	4	Callback
1	0	19,452	3	Console
42	10	778,194	2	IO
11	1	275,545	3	Uncompress
3	0	9,905	4	Adapter
15	5	251,553	3	Compress
1	0	23,099	4	Base
2	0	7,369	4	Zlib
3	0	7,178	4	Adapter
1	0	3,903	4	Gzip
1	0	3,848	4	Zip
5	1	143,169	3	Socket
2	0	20,609	4	SSL
45	7	704,039	2	CPAN
8	0	160,026	3	Meta
2	0	10,593	3	HTTP
4	0	6,150	3	Exception
2	0	4,820	3	Kwalify
1	0	2,792	3	LWP
1	0	1,562	3	FTP
1	0	1,067	3	API
31	10	701,339	2	DBI
4	1	116,462	3	DBD
2	0	37,794	4	SqlEngine
4	1	79,275	3	Const
2	0	75,605	4	GetInfo
9	2	55,256	3	Gofer
3	0	8,408	4	Transport
3	0	4,253	4	Serializer
1	0	30,195	3	SQL
1	0	6,553	3	ProfileDumper
2	0	3,991	3	Util
43	15	647,914	2	CPANPLUS
12	4	173,819	3	Internals

3	1	23,186	4	Source
1	0	3,030	5	SQLite
1	0	15,394	4	Constants
1	0	113	4	Utils
6	2	110,641	3	Shell
4	1	17,136	4	Default
4	0	17,136	5	Plugins
6	1	77,457	3	Dist
1	0	2,008	4	Build
1	0	50,654	3	Configure
5	1	18,184	3	Module
1	0	1,769	4	Author
1	0	3,856	3	Backend
1	0	1,274	3	Config
20	3	636,247	2	HTML
3	0	106,800	3	Tree
1	0	10,219	3	Element
1	0	5,542	3	Template
69	7	569,275	2	ActivePerl
59	3	494,260	3	PPM
6	0	226,362	4	tcl
36	0	49,295	4	images
1	0	1,480	4	Status
7	2	54,379	3	DocTools
4	0	32,538	4	TOC
1	0	4,635	4	Tree
12	2	537,979	2	Date
4	0	208,186	3	Calendar
4	0	190,798	3	Calc
10	2	509,420	2	Math
4	0	92,357	3	BigInt
1	0	1,250	3	BigFloat
35	4	483,515	2	File
8	0	83,032	3	Spec
9	1	31,939	3	HomeDir
2	0	8,184	4	Darwin
1	0	22,545	3	Copy
93	13	462,804	2	PPI
45	5	165,345	3	Token
2	0	15,538	4	_QuoteEngine
6	0	14,183	4	Number
4	0	12,494	4	Quote
5	0	9,037	4	QuoteLike
3	0	4,410	4	Regexp
16	1	49,902	3	Statement
1	0	1,675	4	Include
3	0	12,958	3	Document
9	0	12,524	3	Structure
1	0	3,695	3	Transform
1	0	3,210	3	Normal
2	0	340	3	Exception

33	4	449,607	2	XML
30	2	302,997	3	Parser
23	0	257,969	4	Encodings
5	0	9,447	4	Style
1	0	20,009	3	Simple
20	2	386,649	2	SQL
13	0	176,939	3	Statement
4	0	6,839	3	Dialects
17	2	332,791	2	Archive
12	0	115,752	3	Zip
2	0	22,898	3	Tar
13	1	314,336	2	Text
2	0	17,451	3	Diff
63	9	309,340	2	PPIx
58	6	271,721	3	Regex
32	3	128,124	4	Token
7	0	17,336	5	GroupType
3	1	10,368	5	CharClass
15	0	30,951	4	Structure
1	0	1,483	4	Node
3	1	16,182	3	Utilities
1	0	1,701	4	Exception
32	9	308,944	2	Class
21	4	189,785	3	MOP
7	0	33,599	4	Method
3	0	14,557	4	Mixin
1	1	3,018	4	Class
1	0	3,018	5	Immutable
2	0	4,710	3	Accessor
1	0	4,067	3	Data
1	0	2,254	3	C3
2	0	2,140	3	Load
23	2	306,893	2	GD
14	0	144,973	3	Graph
2	0	23,830	3	Text
9	1	285,414	2	B
1	0	1,579	3	Lint
45	10	280,107	2	TAP
31	5	142,367	3	Parser
5	0	21,921	4	SourceHandler
8	0	13,766	4	Result
2	0	12,837	4	YAMLish
3	0	12,528	4	Iterator
2	0	3,191	4	Scheduler
8	2	34,671	3	Formatter
2	0	10,224	4	Console
1	0	2,643	4	File
2	0	19,306	3	Harness
9	2	266,461	2	Term
2	0	137,772	3	ReadLine
1	0	2,920	3	UI

3	1	257,664	2	Mozilla
1	0	248,215	3	CA
17	3	248,724	2	HTTP
1	0	14,390	3	Request
2	0	11,085	3	Cookies
3	0	9,050	3	Headers
14	5	247,627	2	Test
4	2	34,281	3	Builder
1	0	13,612	4	IO
1	0	973	4	Tester
1	1	13,610	3	Perl
1	0	13,610	4	Critic
5	2	217,914	2	Win32API
1	0	6,104	3	File
1	0	3,737	3	Registry
25	2	215,527	2	LWP
12	0	57,194	3	Protocol
3	0	9,243	3	Authen
46	8	207,831	2	ActiveState
17	2	18,684	3	PerlCritic
13	0	6,078	4	img
1	0	3,735	4	UserProfile
1	0	14,053	3	Config
3	0	12,943	3	Tkx
1	0	6,801	3	Scineplex
2	0	4,452	3	CPAN
1	0	1,606	3	Win32
6	1	197,813	2	Bit
4	0	92,812	3	Vector
8	2	194,775	2	JSON
3	0	7,067	3	backportPP
2	0	4,364	3	PP
33	6	170,081	2	Encode
3	1	13,618	3	MIME
1	0	3,107	4	Header
2	0	9,297	3	JP
1	0	5,964	3	CN
1	0	3,810	3	Unicode
1	0	1,900	3	KR
8	2	136,554	2	WWW
5	0	39,447	3	Mechanize
1	0	3,617	3	RobotRules
11	1	120,291	2	Tie
1	0	1,542	3	Hash
3	1	101,872	2	Compress
2	0	58,009	3	Raw
7	0	101,411	2	Algorithm
51	2	93,965	2	URI
7	0	7,968	3	file
2	0	2,775	3	urn
2	0	89,022	2	Getopt

6	1	85,808	2	Data
3	0	16,778	3	Dump
7	1	83,669	2	Sub
3	0	26,675	3	Exporter
3	0	81,965	2	IPC
8	0	74,639	2	CGI
5	3	70,928	2	App
3	2	20,052	3	Prove
2	1	8,363	4	State
1	0	3,418	5	Result
7	0	69,313	2	Time
4	1	68,833	2	I18N
2	0	35,370	3	LangTags
4	0	60,763	2	version
3	1	57,958	2	Sys
1	0	8,009	3	Syslog
3	0	57,103	2	Params
2	1	49,094	2	Hash
1	0	29,768	3	Util
8	0	46,795	2	Digest
4	1	38,344	2	autodie
1	0	1,629	3	exception
2	1	36,631	2	Filter
1	0	12,800	3	Util
5	1	36,616	2	Log
4	0	21,302	3	Message
6	1	35,521	2	Package
3	0	17,467	3	Stash
3	1	33,988	2	List
1	0	1,004	3	Util
1	0	30,303	2	Attribute
2	1	30,177	2	Exception
1	0	14,177	3	Class
3	0	26,974	2	Tkx
3	1	24,675	2	Config
1	0	13,125	3	Perl
1	0	23,116	2	Object
2	0	22,299	2	Thread
1	0	19,984	2	threads
7	0	18,698	2	Memoize
1	0	17,473	2	Try
1	0	15,776	2	PPM
1	0	14,872	2	Email
3	0	12,851	2	Carp
2	0	12,773	2	User
5	1	12,582	2	PerlIO
1	0	2,589	3	via
1	0	10,974	2	MRO
2	1	9,806	2	inc
1	0	2,279	3	latest
1	0	9,742	2	Dist

1	0	9,697	2	Eval
2	0	8,740	2	MIME
1	1	8,553	2	Parse
1	0	8,553	3	CPAN
1	0	8,511	2	Scalar
1	0	6,378	2	Exporter
1	0	6,236	2	encoding
3	1	5,590	2	YAML
1	0	248	3	XS
4	0	5,423	2	Readonly
5	0	4,750	2	DBM_Filter
1	0	3,809	2	Scope
1	0	3,349	2	Search
1	0	3,024	2	Tcl
1	0	2,703	2	Task
3	1	2,649	2	Bundle
2	0	1,483	3	DBD
1	0	1,893	2	Shell
1	0	1,811	2	overload
1	0	772	2	warnings
1,800	331	37,325,915	1	html
1,666	323	35,985,477	2	lib
178	0	12,153,627	3	pods
38	8	1,789,062	3	DBD
3	0	321,432	4	ODBC
12	1	278,570	4	Oracle
9	0	267,295	5	Troubleshooting
3	0	75,886	4	File
9	2	40,017	4	Gofer
5	0	27,953	5	Transport
4	0	12,064	5	Policy
1	0	23,801	4	SQLite
107	26	1,201,680	3	Moose
16	0	401,321	4	Manual
28	6	393,094	4	Cookbook
11	0	184,951	5	Basics
5	0	66,985	5	Meta
3	0	41,425	5	Roles
3	0	41,229	5	Extending
3	0	38,106	5	Legacy
2	0	18,403	5	Snack
45	13	243,443	4	Meta
9	2	85,537	5	Attribute
10	2	31,548	5	Role
8	0	31,253	5	TypeConstraint
7	0	20,845	5	Method
1	0	2,737	5	TypeCoercion
1	0	2,166	5	Mixin
1	0	2,097	5	Object
1	1	2,067	5	Class
3	1	60,320	4	Util

1	0	688	5	TypeConstraints
1	0	18,641	4	Spec
4	0	9,179	4	Error
30	10	1,181,797	3	DBI
4	1	145,218	4	DBD
2	0	97,380	5	SqlEngine
1	0	29,417	4	SQL
9	2	26,879	4	Gofer
3	0	7,151	5	Serializer
3	0	4,964	5	Transport
1	0	10,559	4	ProfileDumper
4	1	7,815	4	Const
2	0	4,839	5	GetInfo
1	0	2,477	4	Util
196	29	1,121,966	3	Perl
193	28	1,037,766	4	Critic
141	17	614,010	5	Policy
17	5	43,905	5	Exception
7	1	37,175	5	Utils
6	1	17,681	5	PolicyParameter
21	2	1,022,810	3	Net
1	0	12,513	4	SSLeay
1	0	5,512	4	HTTP
53	4	984,082	3	Win32
20	0	208,091	4	OLE
5	1	47,123	4	API
1	0	16,406	5	Callback
1	0	30,535	4	Console
31	4	837,347	3	I0
8	0	334,437	4	Uncompress
7	0	297,547	4	Compress
5	1	98,749	4	Socket
2	0	18,616	5	SSL
54	3	603,218	3	Pod
21	0	233,796	4	Simple
12	0	33,362	4	Perldoc
3	0	12,300	4	Text
6	2	578,351	3	Date
2	0	119,675	4	Calc
2	0	102,604	4	Calendar
20	3	534,028	3	HTML
3	0	127,769	4	Tree
1	0	13,834	4	Element
1	0	10,430	4	Template
49	7	452,622	3	ExtUtils
3	0	36,715	4	MakeMaker
3	0	18,416	4	ParseXS
4	0	16,050	4	Typemaps
3	0	15,188	4	Constant
1	0	5,410	4	Command
1	1	1,827	4	CBuilder

1	0	1,827	5	Platform
8	1	439,766	3	Math
3	0	24,673	4	BigInt
35	4	412,802	3	File
8	0	63,202	4	Spec
9	1	32,871	4	HomeDir
2	0	7,842	5	Darwin
1	0	28,533	4	Copy
45	10	409,565	3	TAP
31	5	237,542	4	Parser
5	0	39,775	5	SourceHandler
8	0	29,527	5	Result
3	0	13,467	5	Iterator
2	0	13,142	5	YAMLish
2	0	7,746	5	Scheduler
2	0	29,067	4	Harness
8	2	23,530	4	Formatter
2	0	3,748	5	Console
1	0	1,711	5	File
88	12	392,663	3	PPI
45	5	139,216	4	Token
6	0	16,682	5	Number
5	0	14,574	5	QuoteLike
4	0	11,024	5	Quote
3	0	8,962	5	Regexp
2	0	2,714	5	_QuoteEngine
16	1	63,534	4	Statement
1	0	3,277	5	Include
9	0	27,211	4	Structure
3	0	12,594	4	Document
1	0	4,018	4	Transform
1	0	1,823	4	Normal
13	1	391,745	3	Text
2	0	12,677	4	Diff
20	2	339,093	3	SQL
13	0	254,117	4	Statement
4	0	10,160	4	Dialects
3	1	338,462	3	Bit
2	0	110,587	4	Vector
37	5	331,285	3	Module
26	1	184,567	4	Build
14	0	24,025	5	Platform
1	0	14,698	4	Load
1	0	6,230	4	CoreList
1	0	2,538	4	Pluggable
14	5	324,055	3	Test
4	2	32,124	4	Builder
1	0	9,995	5	IO
1	0	2,052	5	Tester
1	1	10,679	4	Perl
1	0	10,679	5	Critic

63	9	323,425	3	PPIx
58	6	272,579	4	Regexp
32	3	122,966	5	Token
15	0	52,573	5	Structure
1	0	3,135	5	Node
3	1	16,391	4	Utilities
1	0	1,990	5	Exception
22	2	319,016	3	Locale
11	0	104,146	4	Codes
5	0	79,807	4	Maketext
31	9	293,470	3	Class
21	4	136,555	4	MOP
7	0	23,608	5	Method
3	0	6,127	5	Mixin
1	1	2,003	5	Class
1	0	8,998	4	Data
2	0	5,269	4	Accessor
1	0	1,796	4	C3
1	0	1,714	4	Load
3	0	287,243	3	Win32API
37	11	264,508	3	CPANPLUS
8	1	56,508	4	Internals
2	0	3,659	5	Source
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1	0	1,936	5	Build
6	2	29,008	4	Shell
4	1	18,624	5	Default
4	1	13,344	4	Module
1	0	2,665	5	Author
1	0	5,760	4	Backend
1	0	2,459	4	Config
11	2	260,594	3	Unicode
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7	0	20,587	5	CJK
13	2	227,249	3	GD
5	0	53,679	4	Graph
2	0	20,727	4	Text
8	2	226,408	3	WWW
5	0	125,423	4	Mechanize
1	0	3,343	4	RobotRules
7	2	226,206	3	Archive
3	0	35,237	4	Zip
1	0	11,555	4	Tar
9	3	220,007	3	XML
6	1	43,658	4	Parser
5	0	15,339	5	Style
1	0	40,594	4	Simple
20	2	207,151	3	CPAN
8	0	120,841	4	Meta
1	0	3,641	4	API
16	2	202,456	3	Devel

7	0	43,454	4	NYTProf
1	0	2,445	4	StackTrace
25	5	198,814	3	Encode
2	0	4,564	4	MIME
1	0	3,045	4	Unicode
2	0	1,655	4	JP
1	0	826	4	KR
1	0	821	4	CN
15	3	184,638	3	HTTP
1	0	16,399	4	Request
2	0	7,742	4	Cookies
1	0	6,608	4	Headers
8	2	179,080	3	JSON
3	0	4,262	4	backportPP
2	0	2,865	4	PP
3	1	151,533	3	Compress
2	0	89,053	4	Raw
24	4	146,130	3	ActiveState
1	0	10,147	4	Config
1	0	7,004	4	PerlCritic
1	0	4,795	4	Tkx
1	0	2,789	4	Win32
7	1	144,884	3	Sub
3	0	66,099	4	Exporter
9	1	118,579	3	B
1	0	1,045	4	Lint
7	1	114,249	3	Term
1	0	3,818	4	UI
11	1	104,218	3	Tie
1	0	3,302	4	Hash
3	0	103,042	3	Algorithm
10	2	97,349	3	LWP
1	0	7,633	4	Authen
1	0	3,441	4	Protocol
2	1	93,885	3	Hash
1	0	65,162	4	Util
5	1	91,056	3	Data
2	0	14,721	4	Dump
8	0	90,761	3	Digest
4	1	85,987	3	I18N
2	0	51,569	4	LangTags
7	0	82,050	3	Time
8	0	81,529	3	CGI
9	2	81,465	3	ActivePerl
7	0	71,109	4	PPM
1	0	3,654	4	DocTools
2	0	80,864	3	Getopt
2	0	66,573	3	version
3	0	65,421	3	Params
3	1	63,546	3	List
1	0	2,256	4	Util

2	1	63,079	3	Filter
1	0	29,119	4	Util
3	0	62,311	3	Tkx
1	0	61,068	3	Attribute
10	0	60,067	3	URI
4	1	51,080	3	autodie
1	0	3,221	4	exception
1	0	45,355	3	threads
5	3	44,021	3	App
3	2	17,614	4	Prove
2	1	12,062	5	State
5	1	43,964	3	Log
4	0	25,944	4	Message
3	0	43,649	3	IPC
2	1	43,463	3	Exception
1	0	17,862	4	Class
3	1	40,931	3	Sys
1	0	1,721	4	Syslog
6	1	39,577	3	Package
3	0	9,264	4	Stash
2	0	33,277	3	Thread
1	0	32,192	3	Object
3	1	31,328	3	Config
1	0	8,827	4	Perl
1	0	31,284	3	Try
5	1	27,755	3	PerlIO
1	0	3,503	4	via
7	0	24,980	3	Memoize
1	0	22,095	3	Scalar
1	0	17,205	3	Email
2	0	15,945	3	MIME
2	0	15,252	3	User
1	1	12,641	3	Parse
1	0	12,641	4	CPAN
5	0	12,081	3	DBM_Filter
1	0	10,673	3	MRO
1	0	9,822	3	PPM
1	0	9,418	3	encoding
1	0	8,879	3	Eval
1	0	8,486	3	Dist
1	0	8,227	3	Scope
1	0	7,638	3	Carp
1	0	6,644	3	inc
1	0	6,601	3	Tcl
3	1	5,873	3	Bundle
2	0	3,628	4	DBD
2	1	5,276	3	YAML
1	0	825	4	XS
1	0	5,261	3	Mozilla
1	0	4,486	3	Task
1	0	3,714	3	Readonly

1	0	2,834	3	Search
1	0	2,408	3	Shell
1	0	1,375	3	warnings
1	0	1,036	3	Exporter
63	0	569,556	2	bin
13	1	204,402	2	faq
9	0	151,432	3	Windows
3	0	113,013	2	Windows
29	0	110,722	2	images
4	1	29,652	2	Components
3	0	26,828	3	Windows
128	0	4,847,832	1	bin
1	0	771,072	1	etc
47	2	747,935	1	man
46	0	739,381	2	man3
1	0	8,554	2	man1
57	6	123,981	1	eg
35	0	92,906	2	aspSamples
8	0	24,526	2	IEExamples
8	0	2,510	2	Windows Script Host
1	0	1,691	2	fork
2	0	1,230	2	Windows Script Components
1	0	270	2	cgi
2	3	11,295	1	site
1	0	11,264	2	etc
1	0	31	2	lib
0	0	0	2	bin
0	0	0	1	privsym

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