

Improve Database Security

(A Masterclass in Access Security)

Access Lunchtime User Group
Tues 28 Oct 2025



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Mendip Data Systems

<https://isladogs.co.uk/database-security/>

Background

- Access developer for almost 30 years starting with Access 97
- MVP 2022 onwards
- Many years teaching in secondary schools including responsibility for data analysis
- Owner of Mendip Data Systems: info@mendipdatasystems.co.uk
 - ❖ originally created to distribute commercial Access apps for schools
 - ❖ over time, broader focus to creating apps for businesses & developers
- Website: <https://isladogs.co.uk>
 - ❖ Access articles, example apps, sample code and security challenges
 - ❖ commercial applications for schools, businesses and developers
- YouTube channel: <https://www.youtube.com/@IsladogsOnAccess>
- Regular contributor to many forums - user name: *isladogs*
- Active member of the AccessForever.org blog team
- President of Europe chapter for AccessUserGroups.org
- Focus on stretching the boundaries of what can be achieved using Access

Improve Database Security

- Access databases can NEVER be made 100% secure
- A capable and determined hacker can break any Access database given sufficient time and motivation.
- By erecting various barriers, the process can be made so difficult and time consuming that it isn't normally worth attempting.
- Action needed depends on what/who you are trying to protect against
 - Authorised users who don't know what they are doing (id-10-ts)
 - Authorised users trying to investigate how your app works (meddlers)
 - Any users trying to steal your code (plagiarisers)
 - Unauthorised users trying to steal your data (hackers)

Cyber Security

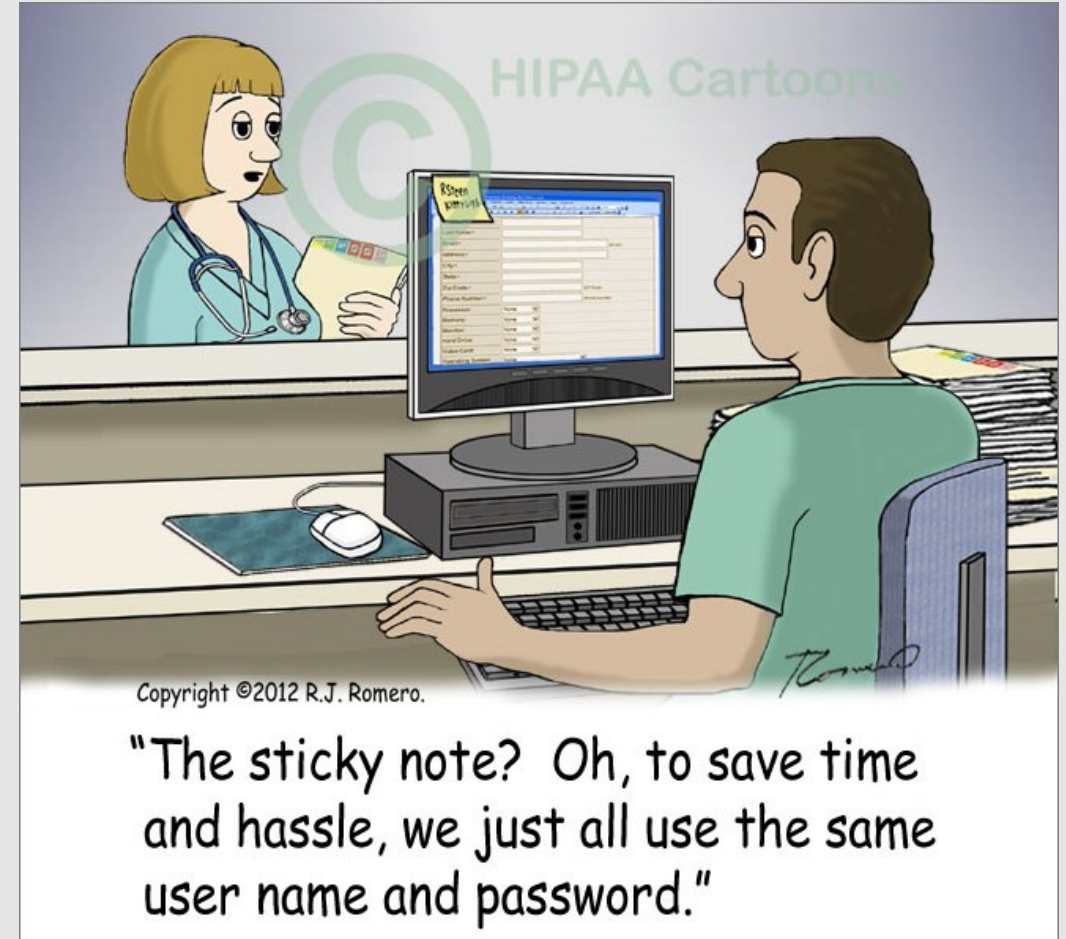
➤ A security system for an ideal world?

- ❖ Marks & Spencer
- ❖ Jaguar Land Rover

➤ What is often the reality?



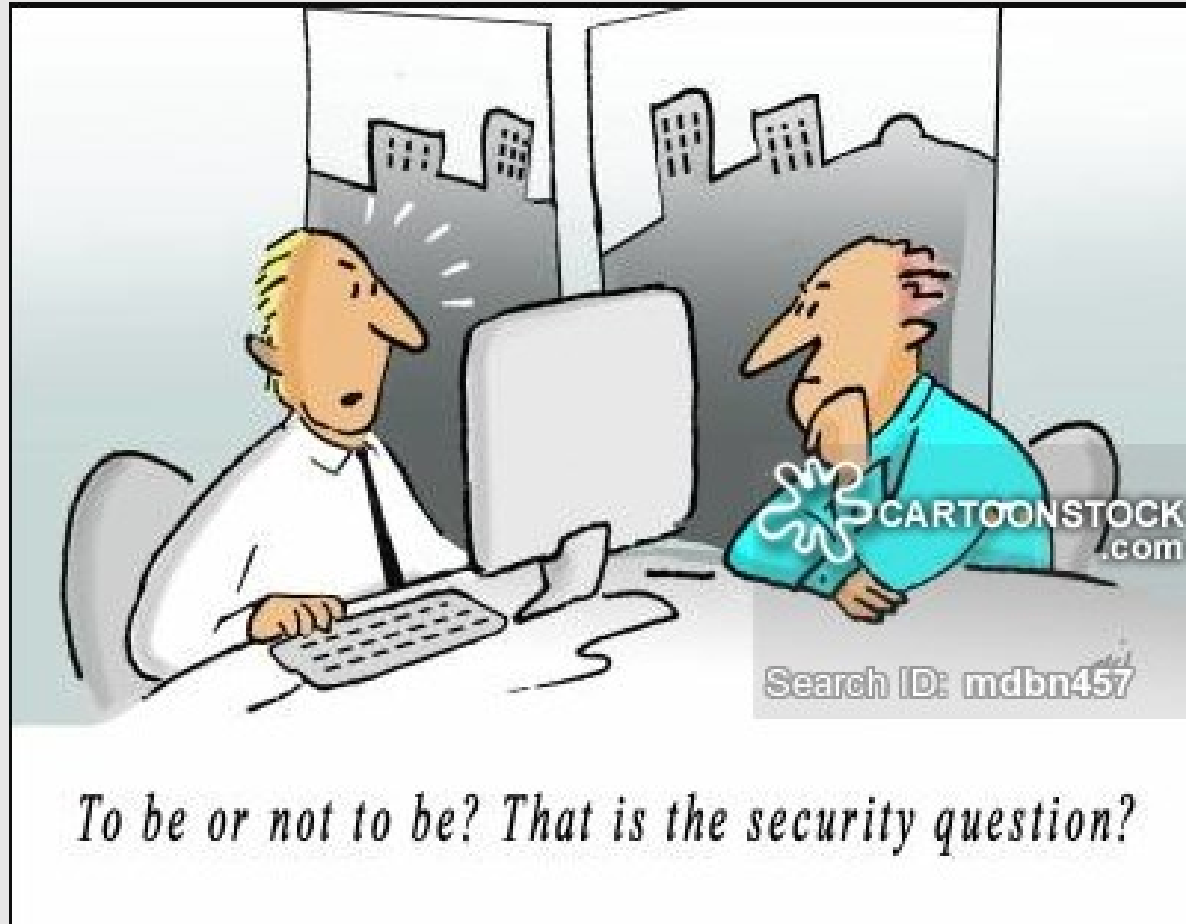
Passwords



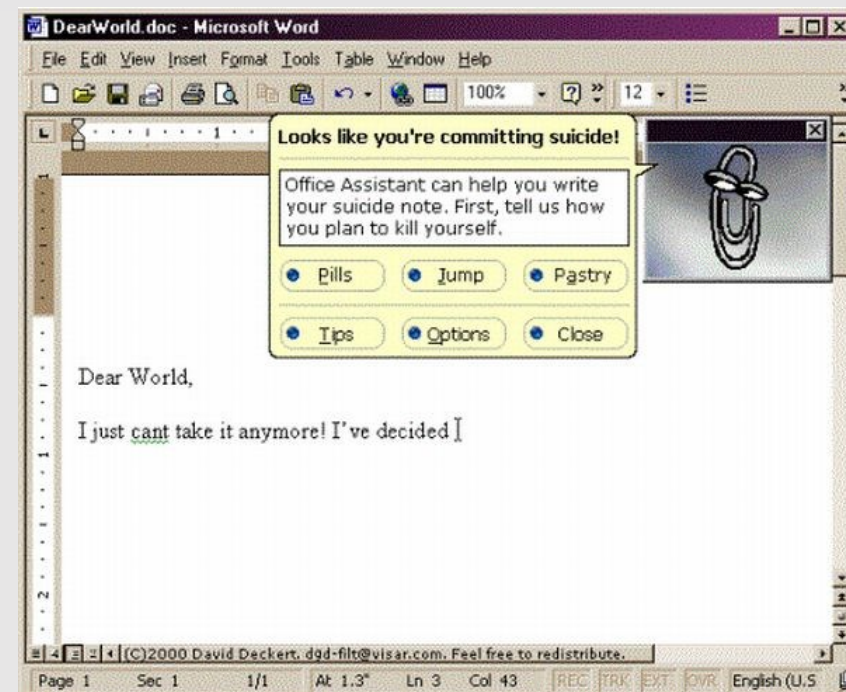
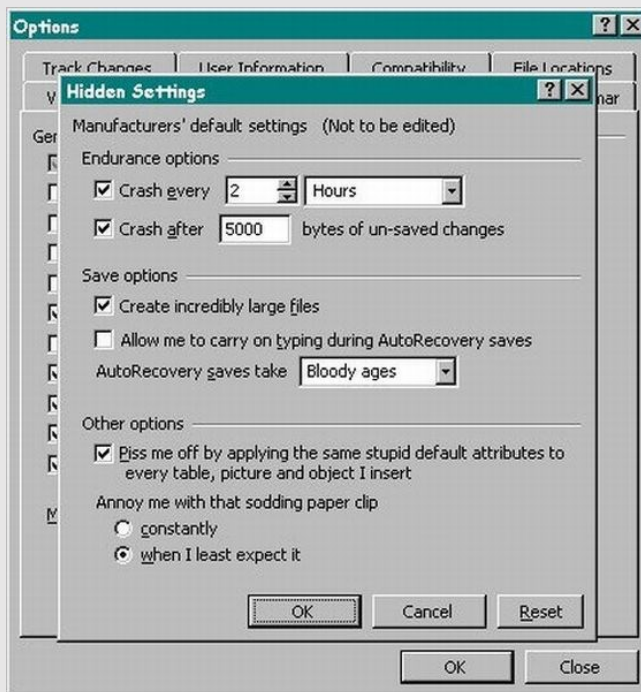
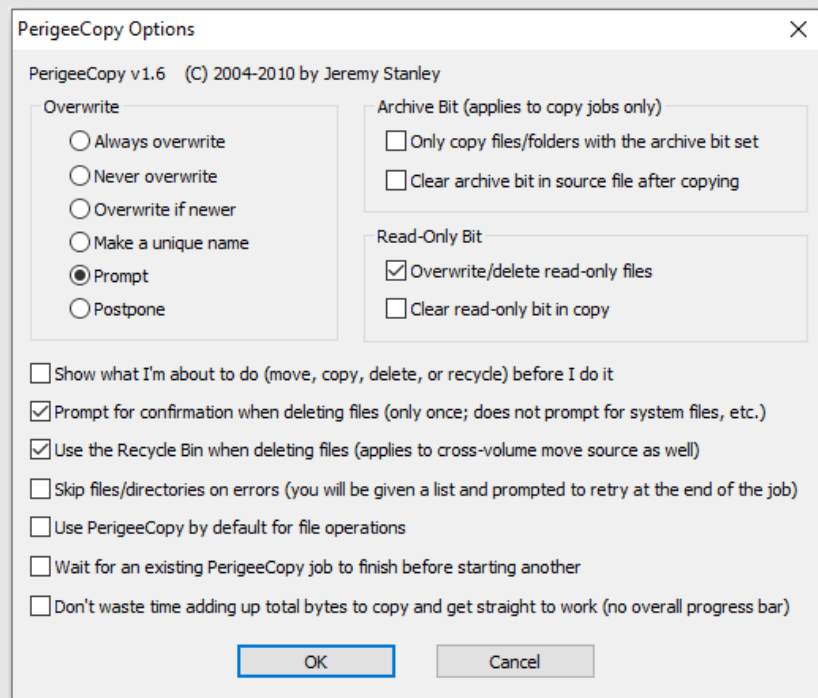
Security Methods



Security Systems



Obfuscate, Confuse . . . And Depress



- Enough with the cartoons already . . .
- Time for some real advice!

Improve Security – Basic Steps

- Split your database and encrypt both FE & BE with password
- This prevents data / code being viewed using a text / hex editor

ACCDB FE file

FE.accdb

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00011070	2C	E5	40	31	04	76	29	F5	2C	E5	40	00	00	00	00	54
00011080	00	61	00	62	00	6C	00	65	00	31	00	88	00	00	40	00
00011090	68	00	00	00	00	00	00	19	00	00	11	00	09	00	00	80
000110A0	01	00	00	0F	06	00	A8	E8	21	28	F5	2C	E5	40	E9	69
000110B0	23	28	F5	2C	E5	40	00	00	20	00	54	00	61	00	62	00
000110C0	6C	00	65	00	31	00	5D	1A	88	00	00	40	00	68	00	00
000110D0	00	00	00	00	19	00	00	80	00	00	00	00	00	00	00	00
000110E0	FF	FE	4D	53	20	41	63	65	73	73	3B	50	57	44	3D	
000110F0	64	69	6E	73	64	61	6C	65	3B	54	00	61	00	62	00	6C
00011100	00	65	00	31	00	31	07	00	40	00	6E	00	00	00	00	00

ACCDE FE file

FE.accdb FE.accde

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
000110B0	23	28	F5	2C	E5	40	00	00	20	00	54	00	61	00	62	00
000110C0	6C	00	65	00	31	00	C0	A6	88	00	00	40	00	63	00	00
000110D0	00	00	00	00	19	00	00	80	00	00	00	00	00	00	00	00
000110E0	FF	FE	4D	53	20	41	63	65	73	73	3B	50	57	44	3D	
000110F0	64	69	6E	73	64	61	6C	65	3B	54	00	61	00	62	00	6C
00011100	00	65	00	31	00	31	07	00	40	00	69	00	00	00	00	00
00011110	00	77	00	77	00	77	00	6B	00	6B	00	6B	00	6B	00	5F
00011120	00	3A	00	2E	00	2C	00	20	00	0B	00	FF	47	00	11	00
00011130	61	00	00	00	01	00	00	0F	01	00	C5	77	3B	C8	32	8B
00011140	E3	40	FD	7D	3B	C8	32	8B	E3	40	0A	00	02	80	4D	00
00011150	53	00	79	00	73	00	57	00	53	00	44	00	50	00	52	00

Password protected ACCDB FE file

FE - PWD.accdb FE - PWD.accde FE - PWD.mdb FE - PWD.mde FE - PWD.mde FE - PWD.mde FE - PWD.mde FE - PWD.mde

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00011050	8F	1C	91	D9	CC	35	2E	A5	42	C6	ED	0C	23	AE	5E	B8
00011060	DC	AA	ED	07	A3	F4	70	2B	F3	20	EB	8B	24	ED	FB	0B
00011070	10	0A	E5	2E	B7	F4	8B	77	DC	28	9C	24	DB	F1	D8	6F
00011080	BC	5A	7D	51	C2	B4	CC	BA	8A	F0	F4	1E	45	3C	BD	5C
00011090	53	40	C5	F8	51	80	D3	23	70	91	E2	88	A7	0C	EB	1D
000110A0	62	58	EB	2D	DB	61	40	1B	D5	AB	2E	CE	78	49	4A	3A
000110B0	8E	9F	1C	D0	D1	84	EF	86	B4	75	38	C8	5C	8B	B8	67
000110C0	2A	ED	13	F0	6A	E8	1C	D6	47	49	80	EF	02	07	39	C5
000110D0	B1	FA	E9	8B	71	08	95	22	CC	B2	0B	93	D2	21	01	59
000110E0	34	4C	56	BD	E9	4E	74	51	66	B6	73	63	73	70	B1	A8
000110F0	0C	40	8C	11	7E	22	C7	24	E0	52	F7	78	C9	99	61	93
00011100	4F	08	FD	D0	7D	82	17	F2	95	BB	2A	2C	B1	52	F5	22
00011110	ED	6C	92	BD	22	CF	8A	22	C0	94	CE	50	14	56	37	CE

Password protected ACCDE FE file

FE - PWD.accdb FE - PWD.accde FE - PWD.mdb FE - PWD.mde FE - PWD.mde FE - PWD.mde FE - PWD.mde FE - PWD.mde

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
000110A0	95	8C	D7	59	BA	14	B6	1C	B7	46	FB	83	CC	D8	6C	17
000110B0	CC	0F	8E	B6	7B	B4	86	10	38	46	20	C8	AB	8A	CE	30
000110C0	7A	0A	7B	E4	1D	33	98	D5	F0	2D	15	D8	FD	E4	AF	98
000110D0	B0	9A	29	1B	24	1F	60	AD	4D	27	36	C2	D6	30	8B	C0
000110E0	1E	18	17	D4	85	EA	CE	9E	S6	34	7D	A0	B9	E3	B8	C3
000110F0	8D	B9	3D	24	89	50	11	ED	0D	A8	47	39	B0	C6	F9	0A
00011100	25	0D	C4	68	FC	4C	4E	71	18	84	31	25	E3	0C	25	77
00011110	43	B7	21	18	3C	4D	BB	68	C2	C8	68	E5	53	14	0F	5A
00011120	83	B0	21	8F	F0	E6	0D	5F	F9	19	1A	6F	78	68	32	4C
00011130	D0	18	03	26	85	06	16	B5	43	31	57	F6	09	AA	D3	9F
00011140	3E	3E	EC	5B	7E	5A	A6	A5	DE	D2	9B	DF	6E	AD	D8	DC

Information: Can't find 'PWD'. OK

Improve Security – Basic Steps

- Do NOT use MDB / MDE files – NOT secure even with password

Password protected MDB BE file

Field names

BE.mdb

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00022EE0	00	00	FC	01	00	00	54	00	61	00	62	00	6C	00	65	00
00022EF0	31	00	00	00	36	00	00	00	00	00	00	00	00	00	00	00
00022F00	FD	1E	BF	4A	BD	D2	92	04	4C	C6	18	BF	07	00	00	00
00022F10	DD	F1	98	52	E6	E9	39	4B	B7	88	C4	7C	14	94	B4	AC
00022F20	04	00	00	00	00	00	8D	09	49	00	44	00	00	00	00	00
00022F30	00	00	00	00	00	00	64	8D	02	E6	CF	BB	7D	4F	8B	62
00022F40	B2	4F	2C	78	2C	82	07	00	00	00	DD	F1	98	52	E6	E9
00022F50	39	4B	B7	88	C4	7C	14	94	B4	AC	0A	00	00	00	00	00
00022F60	8D	09	53	00	75	00	72	00	6E	00	61	00	6D	00	65	00
00022F70	00	00	42	00	00	00	00	00	00	00	D8	B8	66	C2	50	CF
00022F80	41	49	A6	9D	57	83	4D	80	82	FD	07	00	00	00	DD	F1
00022F90	98	52	E6	E9	39	4B	B7	88	C4	7C	14	94	B4	AC	0A	00
00022FA0	00	00	00	00	8D	09	46	00	6F	00	72	00	65	00	6E	00
00022FB0	61	00	6D	00	65	00	00	00	44	00	00	00	00	00	00	00
00022FC0	48	DB	66	CE	6E	E5	42	41	8F	7F	3A	5D	35	B0	B1	DD
00022FD0	07	00	00	00	DD	F1	98	52	E6	E9	39	4B	B7	88	C4	7C
00022FE0	14	94	B4	AC	0A	00	00	00	00	8D	09	59	00	65	00	00
00022FF0	61	00	72	00	47	00	72	00	6F	00	75	00	70	00	00	00
00023000	01	01	AD	0F	20	00	00	00	00	00	00	00	01	00	BD	0F
00023010	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

Data

BE.mdb

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0002EFA0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
0002EFB0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
0002EFC0	00	00	04	00	02	00	00	00	09	00	00	FF	FE	4A	6F	00
0002EFD0	6E	65	73	FF	FE	41	6E	6E	16	00	11	00	0A	00	02	00
0002EFE0	0F	04	00	01	00	00	00	07	00	00	00	FF	FE	53	6D	69
0002EFF0	74	68	FF	FE	42	65	6E	16	00	11	00	0A	00	02	00	0F
0002F000	04	01	0E	0E	2C	00	00	00	00	00	00	00	00	00	00	00
0002F010	00	00	00	00	00	00	00	00	00	00	00	00	02	04	00	00

Password protected MDB FE file

FE - PWD.accdb FE - PWD.accde FE - PWD.mdb

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00011300	F5	2C	E5	40	00	20	00	54	00	61	00	62	00	6C	00	00
00011310	65	00	31	00	3A	71	84	00	00	40	01	3D	00	00	00	00
00011320	00	00	19	00	00	80	00	00	00	00	00	00	00	00	FF	FE
00011330	4D	53	20	41	63	63	65	73	73	3B	50	57	44	3D	64	69
00011340	6E	73	64	61	6C	65	3B	54	00	61	00	62	00	6C	00	65
00011350	00	31	00	6B	00	6B	00	6B	00	6B	00	6B	00	6B	00	6B
00011360	00	5F	00	3A	00	2E	00	2C	00	20	00	0B	00	FF	07	00
00011370	11	00	0A	00	80	01	00	00	0F	06	00	06	00	C2	7C	C7
00011380	F5	2C	E5	40	E6	85	EB	2A	F5	2C	E5	40	01	11	00	0B
00011390	00	00	80	01	00	00	0F	06	00	CB	66	BF	2C	F5	2C	E5
000113A0	40	CB	66	BF	2C	F5	2C	E5	40	00	00	20	00	54	00	61
000113B0	00	62	00	6C	00	65	00	31	00	90	15	84	00	00	40	01
000113C0	3D	00	00	00	00	00	00	19	00	00	80	00	00	00	00	00
000113D0	00	00	00	FF	FE	4D	53	20	41	63	63	65	73	73	3B	50
000113E0	57	44	3D	64	69	6E	73	64	61	6C	65	3B	54	00	61	00
000113F0	62	00	6C	00	65	00	31	00	6B	00	6B	00	6B	00	6B	00
00011400	6B	00	6B	00	6B	00	5F	00	3A	00	2E	00	2C	00	20	00
00011410	0B	00	FF	07	00	11	00	39	00	00	00	01	00	00	0F	01

Password protected MDE FE file

FE.mdb FE.mde FE - PWD.mdb FE - PWD.mde

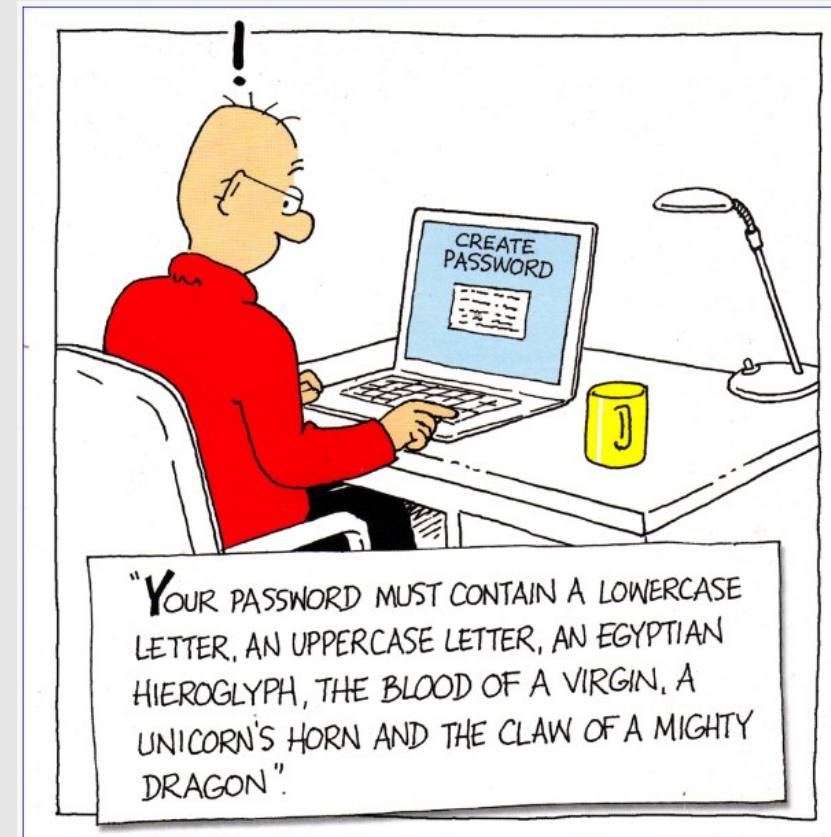
Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00011550	40	00	00	20	00	54	00	61	00	62	00	6C	00	65	00	31
00011560	00	35	B5	84	00	00	40	00	39	00	00	00	00	00	00	19
00011570	00	00	80	00	00	00	00	00	00	00	00	00	00	FF	FE	4D
00011580	41	63	63	65	73	73	3B	50	57	44	3D	64	69	6E	73	64
00011590	61	6C	65	3B	54	00	61	00	62	00	6C	00	65	00	31	00
000115A0	6B	00	6B	00	6B	00	6B	00	6B	00	6B	00	6B	00	5F	00
000115B0	3A	00	2E	00	2C	00	20	00	0B	00	FF	07	00	11	00	37
000115C0	00	00	00	01	00	00	0F	01	00	C5	77	3B	C8	32	8B	E3
000115D0	40	FD	7D	3B	C8	32	8B	E3	40	0A	00	02	80	4D	00	53
000115E0	00	79	00	73	00	57	00	53	00	44	00	50	00	52	00	65
000115F0	00	6C	00	61	00	3A	00	2E	00	2C	00	20	00	00	00	00

Improve Security – Basic Steps

- Use long, strong password for BE encryption (think Andrex puppy!)

TIME IT TAKES A HACKER TO BRUTE FORCE YOUR PASSWORD

Number of Characters	Numbers Only	Lowercase Letters	Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
6	Instantly	Instantly	Instantly	1 sec	5 secs
7	Instantly	Instantly	25 secs	1 min	6 mins
8	Instantly	5 secs	22 mins	1 hour	8 hours
9	Instantly	2 mins	19 hours	3 days	3 weeks
10	Instantly	58 mins	1 month	7 months	5 years
11	2 secs	1 day	5 years	41 years	400 years
12	25 secs	3 weeks	300 years	2k years	34k years
13	4 mins	1 year	16k years	100k years	2m years
14	41 mins	51 years	800k years	9m years	200m years
15	6 hours	1k years	43m years	600m years	15 bn years
16	2 days	34k years	2bn years	37bn years	1tn years
17	4 weeks	800k years	100bn years	2tn years	93tn years
18	9 months	23m years	6tn years	100 tn years	7qd years



- Do NOT supply the BE password to end users nor store it in the BE / FE

Improve Security – Backend (Basic Steps)

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- Backend ACCDB file:
 - ❖ Hide all tables – can 'deep hide' so NEVER appear in navigation pane
 - ❖ Hide navigation pane
 - ❖ Disable various Access options e.g.
 - Display Status Bar / Use Access special keys
 - Allow full menus / Allow default shortcut menus
 - ❖ Remove Privacy Options from the File menu (OR hide the ribbon)
 - ❖ Use strong password for BE encryption
 - ❖ No purpose in using ACCDE if it only contains tables
- Use Server based BE e.g. SQL Server for mission critical data

Improve Security – Frontend (Basic Steps)

- Do all steps as for BE:
 - ❖ disable various options / no ribbon / no nav pane / disable shift bypass
- ALWAYS use ACCDE file (possibly renamed as ACCDR)
- Use different encryption password to BE
- Can apply VBA project password
 - ❖ Easily bypassed – do NOT rely on VBA password alone
- User login / password (e.g. for applying security access levels)
 - Use Active Directory if possible
 - If user passwords stored in DB, strongly encrypt / hash (e.g. SHA 256)
 - <https://emn178.github.io/online-tools/sha256.html>
 - NEVER store encryption ciphers or decryption code in the DB

Improve Security – WARNING

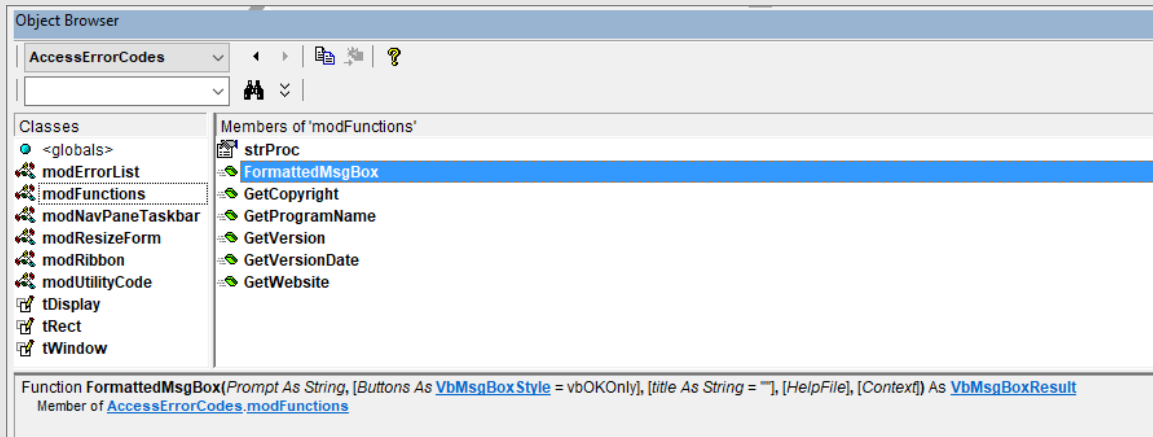
- Knowledgeable users can do ALL the following (and more) from an external app such as Excel / another Access database
 - ❖ Re-enable the shift bypass
 - ❖ View BE table locations & connection strings including passwords

Connect					
Database	Name	Type	Flags		
C:\Programs\MendipDataSystems\SDALin	SIMs_Classes	6	10485760		
G:\MyFiles\ExampleDatabases\Security\F	tblTest	6	2097152		
G:\Programs\MendipDataSystems\Comm	StudentDBCho	6	2097152		
DRIVER=SQL Server;SERVER=.\SQLEXPRESS;UID=SPSuser;PWD=SPSpassword;APP=Sch	tblPaymentAc	4	537919488		
DRIVER=SQL Server;SERVER=.\SQLEXPRESS;Trusted_Connection=Yes;APP=SchoolData	ArchivedClass	4	1048576		
G:\MyFiles\ExampleDatabases\Sql2vba\S	uSysRegInfo	6	2097152		
C:\Programs\MendipDataSystems\SPS\SP	tblTableLinks	6	2097152		

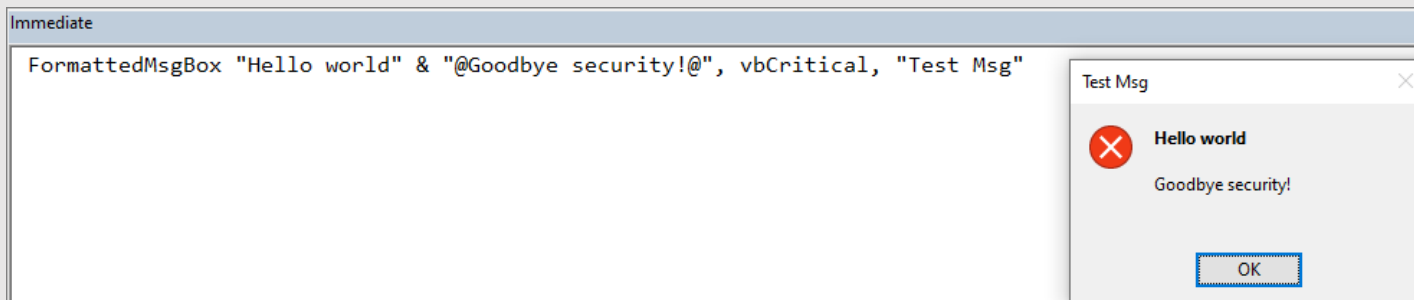
- ❖ Remove / replace BE passwords
- ❖ Bypass the VBA password
- ❖ Change / bypass the startup form and/or autoexec macro

Improve Security – VBE

- Functions, constants & procedures ARE accessible in encrypted ACCDE
- Read function names / arguments from VBE

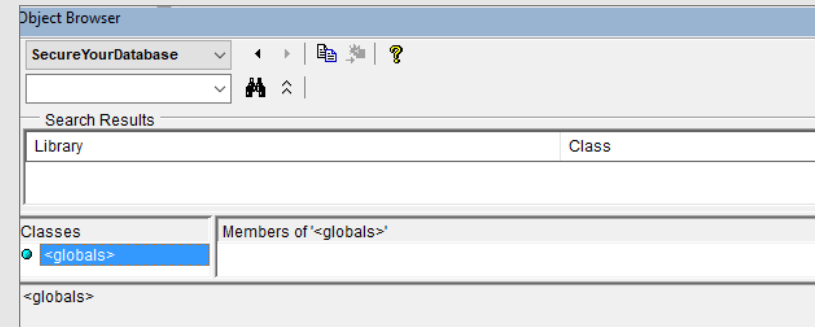
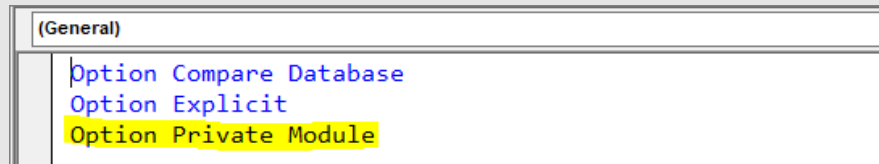


- ❖ Run procedures from immediate pane



Improve Security – Further Options

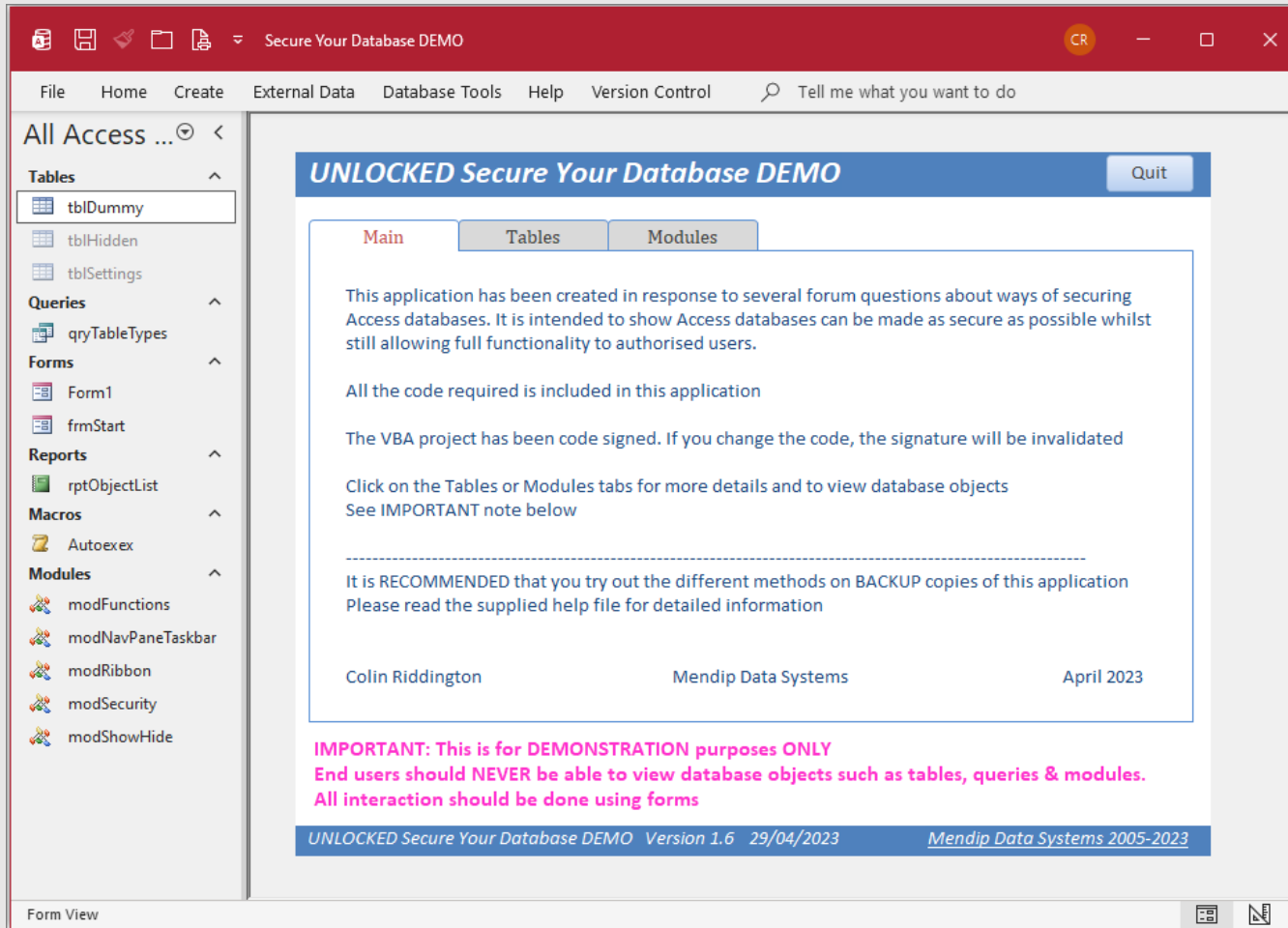
- Code sign project so it is ALWAYS trusted. Ensure Trusted Publisher ([DEMO](#))
- Prevent users having direct access to the folders containing BE files
- Obfuscate module / procedure names in FE (even when encrypted)
OR (better) use Option Private Module to make code fully secure in an ACCDE



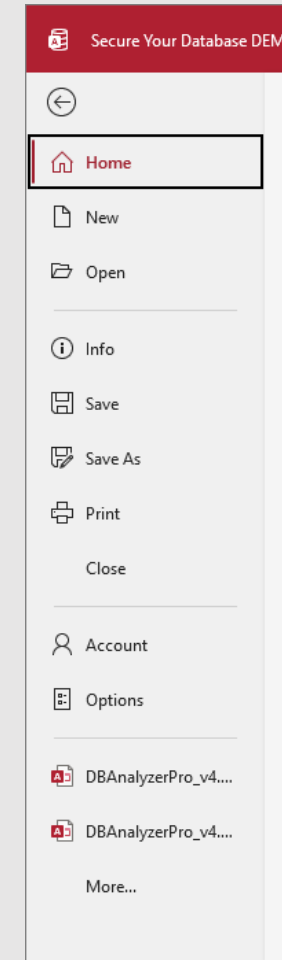
- Add selected registry keys / values during installation
Check values at startup. If changed / removed, FE closes automatically
- Use activation type code to lock the app to a specific workstation
- Hide taskbar whilst app in use (restore it when app closed)
- Encrypt data using reversible 128-bit encryption e.g. RC4

Secure Your Database - BEFORE

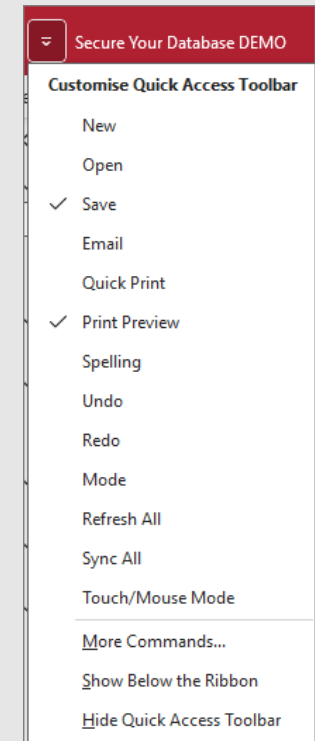
Full menus / nav pane / ribbon / Access options



File (Backstage) menu



Quick Access Toolbar (QAT)



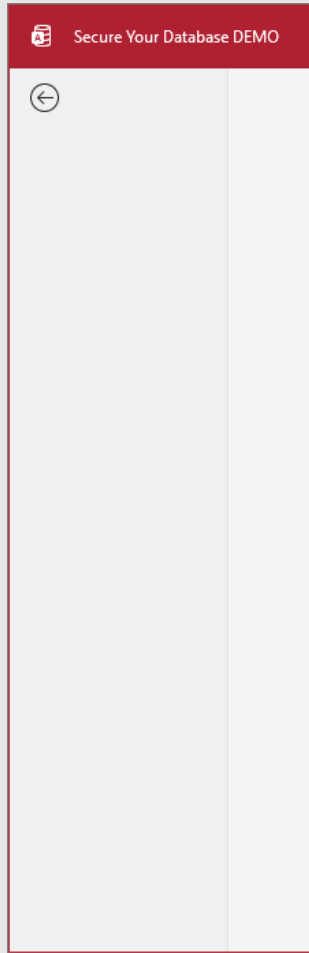
Unlocked & Signed



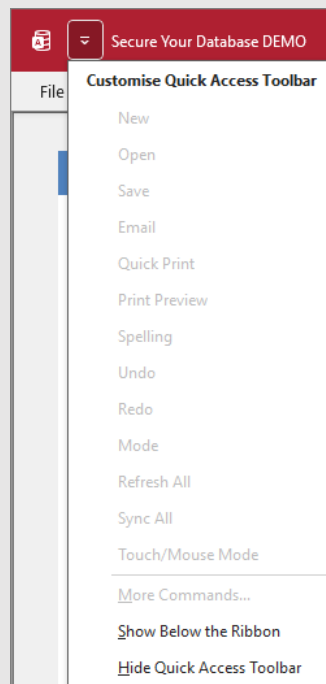
Open from Explorer

Secure Your Database - AFTER

Empty Backstage menu

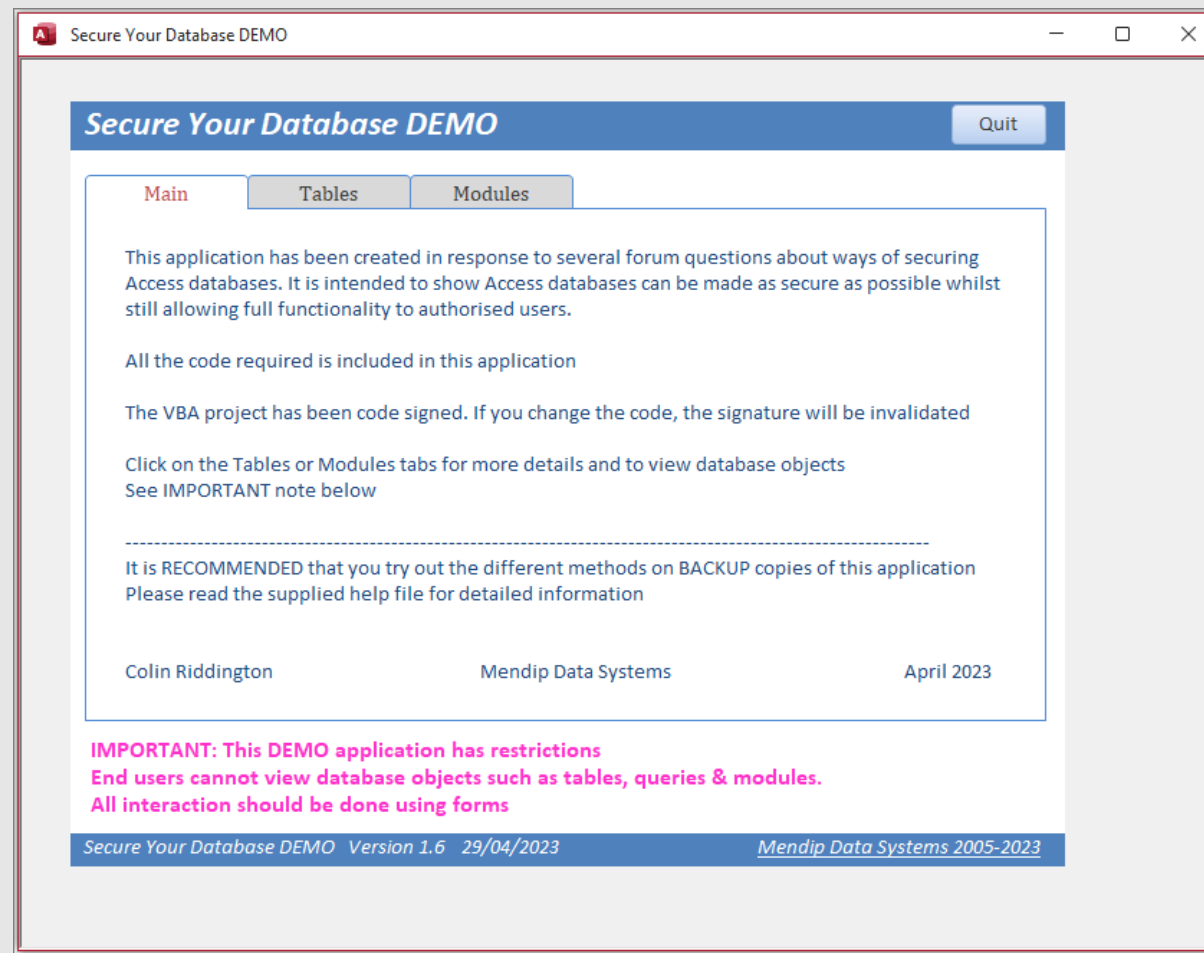


QAT disabled



Empty File menu; no QAT

Locked down – no ribbon / nav pane / shift bypass disabled

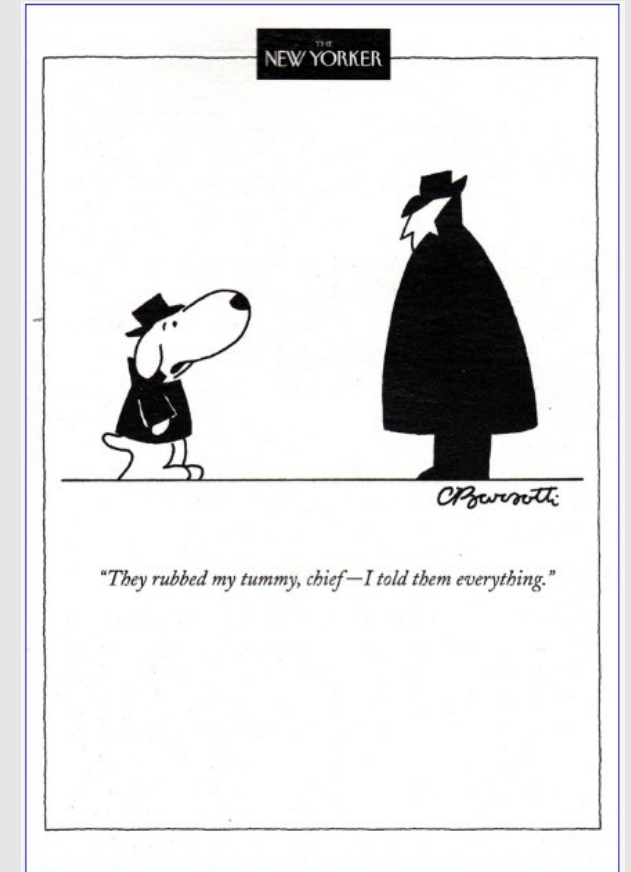


Locked; no ribbon

➤ <https://www.isladogs.co.uk/improve-security-2/>

Security Challenges

- Access databases are only as secure as the weakest aspect of their security
- Think like a hacker to protect your apps
- Test your security knowledge and hacking skills with a series of 'fun' challenges
- <https://www.isladogs.co.uk/security-challenges/>
- All challenges are solvable (but some will be tricky!)



Encrypt No Strings Database

20

Backend Table Data

View ReportClose

ID1

LastNameHundley

FirstNameTheodore

TitleDr

GenderM

DOB15/10/2000

CompanyJaxworks

EMailthundley0@angelfire.com

Add New

Total Records2000Search

IMPORTANT: It is IMPOSSIBLE to prevent screenshots being taken outside the application. Do NOT allow users to view/search all records in a form if using this approach with sensitive data in a real life application.

Encrypt No Strings DEMO Version 5.52 07/09/2025Mendip Data Systems 2005-2025

PersonID	Title	LastName	FirstName	Gender	DOB	Company	EEmail
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2	YhiY	¥CÄ&üe\$1fD	äKE:~!_QkYk	zg	Zt+qÊIe;AieZ62ZCA*	M^?i?j)Äc	^dÜscI@QK)~:ÜXTBGVkBCEyRnAtz9_-i@{Q
3	@qİ6	HO±SâyÖoMkø7&?tL	†Yv.v?W{VÜDlj}!(	J\	blr.ðv?auI95Ö}{icqY3	Z\$%o}BiUq/a4G8*K	žz... 6T@T<öb\$Mxozv<O%u Bx[=noG@NC
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5	hP%G	O&%oeI&aPIUÜ2:-	ô{AwÜ1N1 ziy	%8	tZ+qâar~K<Öb}r'k?Q	%XØ<[Êh#d	¶QZÖ_ DL&~%6QhQ&put'[E{e3g> <2I}#*
6	yA%E	*U,j%ô^U)»bB^mB	ôTÄvİ3M2GkÄaXS	wa	wY-vy 8g_ [WpVVD,j;S	*@%&E3Ii u&v>L^bP	„a'9W99>GG%šİ=EW6-^*ô)uli@a% ,')Fy)80
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25	{JÆ?	Ä=İg^5Bqam	,+ŘBÖ#-ReHÄb	~	yTx&öw6İ hxtÊBZH9İf	?G^cr+Gh0İ,7F	b+E/KGMXZ+k^tUc3eİ İŞKfE;Q3İ0Z^*};.
26	cRİ7	Ö?†dİ&â;zU^N@VQs	İoëj~"uB:Q Öryg+u	^H	M's,ÖP^x'dİyut.XJ@uR3	1Yİİe1üu	]B+/M<4^MÖKš^EİE'cRÜ İ^İ agO^h=A20
27	jİb^	Ñ-İÄZ>h@^VTBİz	öU—S^h@?	B_	n@4İ^:w(vMdhö <şu)F	TÄ8&š^4,b6b8J\$KŞH	iCE>2J{ö#7ÖİeŞB#E#u^MHOMb-r8DÜr/_dc
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29	cRİ7@İ	"B JÜXÜÇazYf)KV	œ2.œq~_İöUİ:~	%3	iD){İOjŞ_ GKİFEW0>^	U:Ö_İ_ej;ro*(G^DM#	Y7öPG+{#.-:~µİH)QX{İ^rMpnRj?..F%z9ERH=
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31	kEÊ&E.	İZð~E#EÇDj}çbAT	6ä{Ç9&Tvwö@ow	NS	fİd?EH0nTİ^rŘKn ~k4İ	+^E#E8Üeh:	~Qİf^BEJ &µ<İ8mVGpbc Gg S xŞK^DF0>zş0^İ
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Record: 141 of 2000No FilterSearch



Open from PowerPoint



Open from Explorer

➤ <https://isladogs.co.uk/encrypted-split-no-strings/>

Encrypt No Strings Database

- Split database with:
 - ❖ ACCDE FE and ACCDB BE (both password encrypted)
 - ❖ No linked tables
 - ❖ No connection strings
 - ❖ Data protected using an RC4 encryption cipher and hashed
- Challenge:
 - ❖ What is the BE password?
 - ❖ What is the encryption key?
 - ❖ Export the BE data to an external application such as Excel
- Reward (for the first VBA solution):
 - ❖ Free licence for my Database Analyzer Pro app (worth £199)
- <https://isladogs.co.uk/encrypted-split-no-strings/>

What else?

- What did I leave out? (due to time constraints)
 - ❖ Limit impact if shift bypass re-enabled
 - ❖ Block external access using automation (GetObject)
 - ❖ VBA Project signing / Command Line Signing / Timestamp / Certificate Store
 - ❖ Trusted location / Trusted Publisher
 - ❖ Compare encryption methods e.g. SHA1, SHA256, RC4
 - ❖ Using disconnected ADO recordsets (forms only)
 - ❖ Apply security using database properties in code
 - ❖ Block imported autoexec macro / UserControl setting
 - ❖ Hide Sensitive Data / Protect Data in Tables and Queries
 - ❖ Lock Down Database Objects
 - ❖ _Bypass VBA password
- Questions?

Links

➤ Website articles:

- ❖ [Compare Access File Security : MDB/MDE vs ACCDB/ACCDE](#)
- ❖ [Improve Security in Access Databases](#)
- ❖ [Purpose of System Tables](#)
- ❖ [Security Challenges](#)
- ❖ [Adding Security to Access Databases - A Wish List](#)
- ❖ [Using the new VBA Project Signing feature](#)
- ❖ [Linked Table Passwords Exposed](#)
- ❖ [Maximum Password Length in Access Files](#)
- ❖ [Manage the Shift Bypass Property](#)
- ❖ [Disable Design View in ACCDB Files](#)
- ❖ [Hide Sensitive Data](#)
- ❖ [Protect Data in Tables and Queries](#)
- ❖ [Lock Down Database Objects](#)