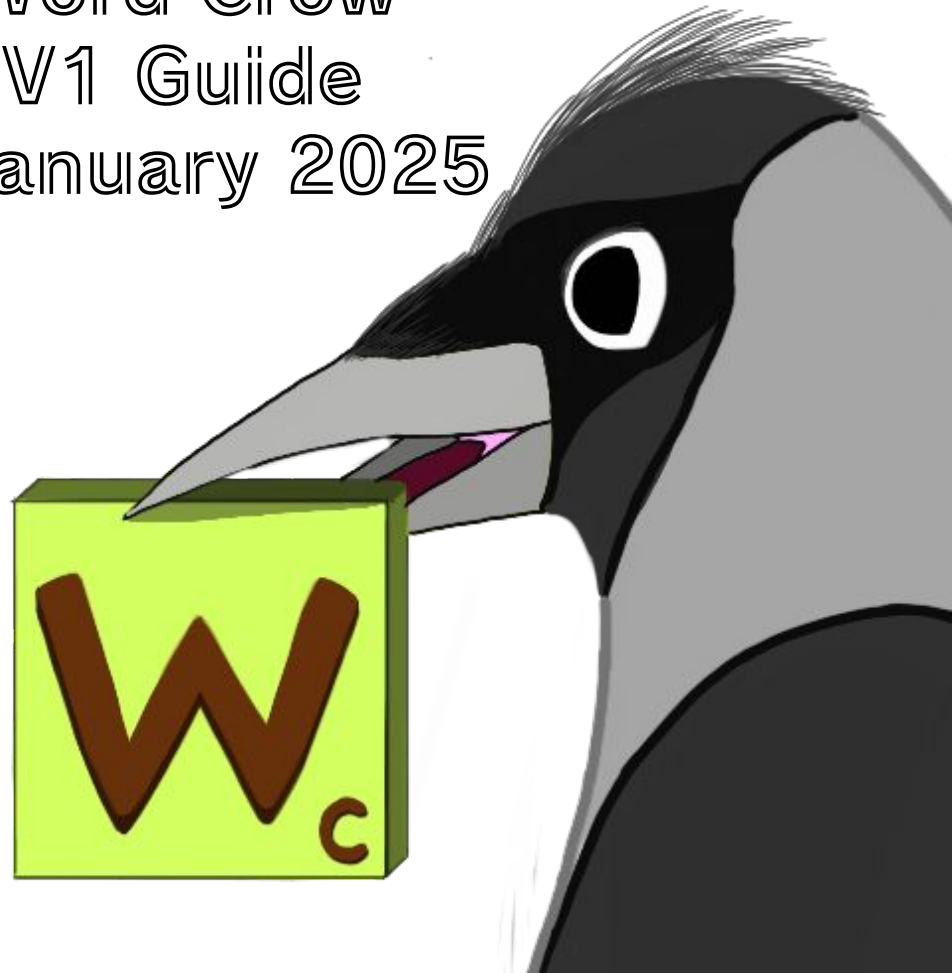




Ravencrow
Games

Word Crow
V1 Guide
9 January 2025






When you open the app for the first time, you'll see an empty list of databases (I have three here. I've hidden the names because they are sadly trademarked by higher powers...)

To start using the app, you'll need to click on "Create New" to create a database.

Exit

Select a database to begin!

	1/8/2025 8:50:34 PM	 Load
	1/8/2025 8:50:35 PM	 Load
test	1/9/2025 3:14:46 PM	 Load

Restore

Reset

Listboxes

Create New

Restore

Whenever Word Crow is opened, it will update a backup folder with whatever files are currently contained within the game's save folder. Clicking on **"Restore"** will replace the main save files with the backup files and close the app. This should never need to be used, but if your save files become compromised for whatever reason, then you can do so.

Reset

This will simply delete all the save files and close the app. I assume you'll want to restore upon reopening Word Crow, The app is not really unstable to that extent, but the button is here just in case.

Listboxes

Listboxes are a separate data structure from Databases. A Database contains the full list of words and cannot be modified. A listbox is a smaller collection of words that you can focus on when quizzing. It comes with added features that support quizzing.



Once you have loaded a database, you'll see these buttons. The **Quick Quiz** and **Quiz** buttons initiate a quiz and **View** will, well, view the words in the database.

Here is where you create a new database. You will need to provide a unique name and supply the necessary text files (.txt only). The list of words is mandatory and the rest are optional. A database with about 300,000 words will take about two minutes or so to create.

Word Crow - Database Manager

Instructions

Please upload only TEXT FILE(s) containing ONE ENTRY PER LINE. If your data is in an excel sheet, you may simply copy the relevant column into a new text file.

Mandatory: .txt file with a list of words

Optional Addons: 1) .txt file with a list of definitions

2) .txt file with a list of user defined tags or information. Ideally these tags should be single words as they can be used as answers in quizzes

3) .txt file with a list of integer numbers to order words as you wish. I assume the order you'll want to use is a probability index that determines how likely each word is to appear. As an alternative, the order can also be calculated by Word Crow later at any time.

Please note that a database cannot be modified after creation. You may however simply delete the database and create a new one. Each database will be stored inside a separate folder with an additional generated file.

Also note that this will work with other languages as well. It is not limited to English.

Generate

Back

Name

Words

Definitions

Tags

Orders

Click to select
file

Click to select
file

Click to select
file


Click to select
file

So this is what viewing a database looks like. You'll see a list of words. By default, all the words in the database, though only 1000 are displayed at a time. Remind me to add a setting to increase that later.


 Database -

Words: 280887

Viewing: 1 - 1000 



Add New



Search Filter

#	Alpha	F.Hooks	F.-	Word	B.-	B.Hooks	Order	# Seen	# Right	# Wrong	Rank	Score
1	AA	BCFM		AA		HLS	46	0	0	0	0	1/7/1
2	AB	CDFGJKLNSTW		AB		ABSY	67	0	0	0	0	1/7/1
3	AD	BCDFGHLMPRSTWY		AD		DOSZ	30	0	0	0	0	1/7/1
4	AE	BDFGHKMNSTVWY		AE			1	0	0	0	0	1/7/1
5	AG	BCDFGHJLMNRSTVWYZ		AG		AEOS	58	0	0	0	0	1/7/1
6	AH	ABDFHLNPRY		AH		AIS	70	0	0	0	0	1/7/1
7	AI	JKRSTW		AI		ADLMNRST	4	0	0	0	0	1/7/1
8	AL	ABCDGMPS		AL		ABELPSTU	32	0	0	0	0	1/7/1
9	AM	BCDFGHJKLMNPRSTY		AM		AEIPU	72	0	0	0	0	1/7/1
10	AN	BCDEFGHLMNPRSTVW		AN		ADEINSTY	14	0	0	0	0	1/7/1
11	AR	BCEFGJLMOPSTVWY		AR		BCDEFKMOSTY	16	0	0	0	0	1/7/1
12	AS	ABDEFGHKLMPNRTVWYZ		AS		HKPS	34	0	0	0	0	1/7/1
13	AT	BCEFGHKLMPNQRSTVW		AT		EST	17	0	0	0	0	1/7/1
14	AW	BCDFGHJKLMNPRSTVWY		AW		AEKLN	75	0	0	0	0	1/7/1
15	AX	FLMPRSTVWZ		AX		E	101	0	0	0	0	1/7/1
16	AY	BCDFGHJKLMNPRSTWY		AY		ESU	76	0	0	0	0	1/7/1
17	AB	AO		BA		ACDEGHLMNOPRSTWY	68	0	0	0	0	1/7/1
18	BE	O		BE		DEGLNSTYZ	47	0	0	0	0	1/7/1

Search

Listboxes

Quick Quiz

Quiz

Arrow Buttons
Because manually scrolling the list with your fingers is a pain. Yellow Single shifts by one page (about 18 words), Orange Double shifts by 10% of the total (100 words), Red Triple shifts by 25% of the total (250 words), so 4 clicks will get to the bottom of the list). Just to be clear, these arrows do not change the list, they simply scroll it up and down. To change the list, use the left and right buttons which view the previous and next 1000 respectively.

You can add search filters in order to search for whatever words you want. These pruned lists are what you'll want to save as a listbox for quizzing purposes. To do so, you can click on the Listboxes button. Oh, you can also click on the headers to sort.

Database -

Words: 10000

Viewing: 1 - 1000

NOT AND OR

Order

<=

10000

NOT AND OR

Length

=

7

Add New

Search Filter

#	Alpha	F.Hooks	F.-	Word	B.-	B.Hooks	Order	# Seen	# Right	# Wrong	Rank	Score	Last
1	AABELNO			ABALONE		S	3152	0	0	0	0	0	1/7/2025 8:29:05 PM
2	AABERST			ABATERS	-		4853	0	0	0	0	0	1/7/2025 8:29:05 PM
3	AABGINT		-	ABATING			9962	0	0	0	0	0	1/7/2025 8:29:05 PM
4	AABORST			ABATORS	-		8432	0	0	0	0	0	1/7/2025 8:29:05 PM
5	AABERTU			ABATURE		S	4855	0	0	0	0	0	1/7/2025 8:29:05 PM
6	ABDEMNO			ABDOMEN		S	6714	0	0	0	0	0	1/7/2025 8:29:05 PM
7	AABEILN			ABELIAN	-		2374	0	0	0	0	0	1/7/2025 8:29:05 PM
8	AABEILS			ABELIAS	-		4732	0	0	0	0	0	1/7/2025 8:29:05 PM
9	ABEERTT		-	ABETTER		S	6572	0	0	0	0	0	1/7/2025 8:29:05 PM
10	ABEORTT		-	ABETTOR		S	3448	0	0	0	0	0	1/7/2025 8:29:05 PM
11	ABDDEIN		-	ABIDDEN			8959	0	0	0	0	0	1/7/2025 8:29:05 PM
12	ABDEIRS		-	ABIDERS	-		1929	0	0	0	0	0	1/7/2025 8:29:05 PM
13	ABEEIST			ABIETES			1380	0	0	0	0	0	1/7/2025 8:29:05 PM
14	ABCEIIT	R		ABIETIC			6429	0	0	0	0	0	1/7/2025 8:29:05 PM
15	ABEIOSS			ABIOSES			6417	0	0	0	0	0	1/7/2025 8:29:05 PM
16	ABIRSTU			ABITURS	-		6635	0	0	0	0	0	1/7/2025 8:29:05 PM
17	AABDELT		-	ABLATED	-		8115	0	0	0	0	0	1/7/2025 8:29:05 PM
18	AABELST		-	ABLATES	-		8121	0	0	0	0	0	1/7/2025 8:29:05 PM

Search

Listboxes

Quick Quiz

Quiz



Listbox Manager

Name**Date**

So here is the Listbox Manager. Once you have a list you want to save (please don't save the entire database as a listbox... I mean, you can, but seems redundant to me...)

You just type the unique name and hit Save

Saved List Name

Back**Save**



When a listbox from the list has been selected, you'll get more buttons to work with. They should be straightforward I think. Note that for now, databases cannot be deleted via the app other than the reset button. Might add that as a feature later, but deleting listboxes is available if desired. If you are searching a database or different listbox, you can add the search to the selected listbox. Also note that the Add and Save buttons will NOT appear if there isn't a list of words there to work with (i.e. remember the Listboxes button you saw much earlier? Yeah, that one). Save is strictly for saving as a new listbox, it doesn't affect any preexisting files.

Listbox Settings displays this screen. These are basically settings used for quizzing words. I actually think they should be straightforward and shouldn't need to be explained. Basically, all words have a RANK and SCORE value. The RANK is like a level of a game character, and the SCORE is like the experience value. Rank determines which words you are proficient with and don't want to see as much, and the score is something that decays over time and reduces the rank upon hitting zero. Remember to hit the Save button otherwise the changes will not be saved.

Listbox Settings - HighProbSeven

For every correct answer(s), increase rank by

For every wrong answer(s), decrease rank by

For every hour(s) elapsed, decrease score by

When score reaches zero, decrease rank by

Reset score to rank entry value when answering does not change rank?

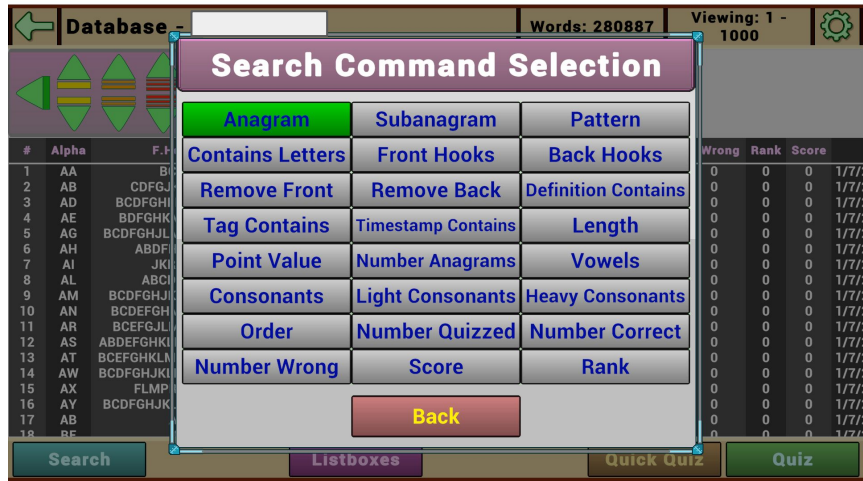
Rank 1 : Entry Score =	<input type="text" value="72"/>	Rank 2 : Entry Score =	<input type="text" value="96"/>
Rank 3 : Entry Score =	<input type="text" value="120"/>	Rank 4 : Entry Score =	<input type="text" value="144"/>
Rank 5 : Entry Score =	<input type="text" value="168"/>	Rank 6 : Entry Score =	<input type="text" value="192"/>
Rank 7 : Entry Score =	<input type="text" value="216"/>	Rank 8 : Entry Score =	<input type="text" value="240"/>
Rank 9 : Entry Score =	<input type="text" value="360"/>	Rank 10+ : Entry Score =	<input type="text" value="480"/>

Search Filters

Ok so back to the search filters, you'll find you have a good selection available. Clicking on the command button (The blue button with "Length" and "Order" written on them brings up the Search Command Selection screen). The commands that are integers (length, point value, order etc.) will additionally have the option to select an Operator.

You also need to know what AND, OR and NOT do. Ok, NOT is simple, it just inverses the result. You can click on the OR button to create groups of filters. So basically, a group starts with every OR. If you have OR AND AND OR OR, You have three groups of filters. You'll get words that conform to any of the three groups.

Just... just don't be a clown. Don't search for something like Length = 7 AND Length = 8. The app won't even crash, you'll just be wasting your time. You can however go with something like... (Length = 7 AND Order <= 1000) OR (Length = 8 AND Pattern = BE*) OR (Length = 9 AND Num Anagrams = 3). You get it right?



Database Settings

If you click on the gear icon on the top right, you'll bring up this page. This is where you can change the headers you'll see in the table. The Word header will always be displayed (kinda weird to turn it off) so that is the only header missing here. There are also some options for listbox generation, but I've blocked them out for now. Actually something tells me they are already implemented, but.. Meh. You can't remove words from a listbox yet so may as well just play it safe and leave them under construction for now.

Database -

Words: 10000

Viewing: 1 -

Database / Listbox Viewer Settings

Header Visibility

(Click on the buttons to toggle)

#	Alpha	F.Hooks	F.-
B.-	B.Hooks	Order	# Seen
# Right	# Wrong	Rank	Score
Last	Def	Tag	

When adding words to a Listbox, I want all the anagrams to be included regardless of search results.

Yes

When adding words to a Listbox, I want the rank and score to be reset to zero.

Yes

When quizzing words, I want all the AVAILABLE anagrams to be included regardless of search results.

Yes

When removing words from a Listbox, I want all the anagrams to be removed together with the word.

Yes

Back

Reset

Save

Search

Listboxes

Quick Quiz

Quiz

Ok so finally we come to the Quiz. If you click on Quick Quiz, you'll just jump straight in with a 50 question quiz that's randomly generated. (Either using an entire database, entire listbox, or whatever search results you8 have in front of you. This depends on where you click on the Quick Quiz button. If you click on Quiz instead, you'll have to specify the settings of your quiz.

Viewing: 1

Quiz Settings

Number of Questions

Blank or Zero to Randomize

Total Time (Minutes)

Blank or Zero to Disable

Answer Time (Seconds)

Blank or Zero to Disable

Ask Me...

Word

Definition

Tag

Word

Tag

I Will Answer...

Word

Yes / No

Difficulty Options

Allow Hints

Allow Marking As Correct

Include Random Phonics

Allow Some Wrong Answers Per Question

Hide Number Of Answers

When Selecting Questions, Prioritize

Last Seen

Number Seen

Number Wrong

High

Number Correct

Rank

Score

Low

Zero

Back

Back

Help!

Start!

Save

Most of the options are under construction at the moment, but you have the difficulty options available at least. In the future, you should be able to get quizzes where you type in the input instead of hitting tiles to spell a word. You'll also be able to quiz yourself on things other than the alphagram and answer with things other than the word. Basically, you get the option to do trivia quizzes or multi language quizzes etc.

←

Viewing: 1

⚙

Quiz Settings

Number of Questions

25

Total Time (Minutes)

5

Answer Time (Seconds)

60

Ask Me...

Input

Definition

Word

Tag

I Will Answer...

Word

Yes / No

of hints allowed

Per Answer

Whole Quiz

Default is 2

Default is 0 (disabled)

Allow Hints

of wrong answers allowed

Per Answer

Whole Quiz

Default is 3

Default is 0 (disabled)

Allow Some Wrong Answers Per Question

Include Random Phonics

Hide Number Of Answers

When Selecting Questions, Prioritize

Last Seen

Number Seen

Number Wrong

High

Number Correct

Rank

Score

Low

Zero

Back

Back

Help!

Start!

Save

The quiz screen looks like this. You can use the buttons to help you in various ways. The difference between the ALL buttons and the normal buttons are that the ALL buttons affect all the anagrams in the current question. So if you get AEINRST as a question and click on Mark All Correct, you can just kick back and watch all the words flash on screen one by one. As for answering, either type or click on the tiles to select them and spell whatever word you want.



As you answer things, the history below will update. It is limited to the 16 most recent entries but I *could* feasibly have a hundred or so of those bars. I just don't think it's necessary.

Because you can simply click on the History button.

TOTAL 02:57 **TIME** 6 9/25 2 **ANSWER** 00:38 **TIME**

Anagrams: 0 / 5

Mark Wrong Mark All Wrong History Hint Skip All Skip Mark All Correct Mark Correct

A E E L R S S

✓ REGRIND s	✓ GRINDER sy	✓ IRACUND	✓ CANDIRU s
> IRONIES t	> s IRONISE ds	> I IONISER- s	> NOISIER
✓ -FRITTED	✓ MEERCAT s	✓ -CREMATE ds	✗ KILORAD s
✗ BIMETAL s	✓ LIMBATE	✓ TIMBALE- s	✓ DELAINE s

Doing so will bring up the list of words you have answered so far along with an extra header for “Correct?” You can search this list but you can’t do anything else with it. Just click on Resume Quiz to carry on. Note that skipping words is a strange little thing. It will not affect the #correct or the #wrong or the rank. I don’t know why I put it there, but go ahead and use it to cheat to your heart’s content. Or actually, wait, that’s dumb. If you want to cheat, you just mark everything as correct and laugh in the face of your rivals.

Current Quiz

Words: 17

Viewing: 1 - 17

NOTANDOR

Length

=

7

NOTANDOR

Order

<=

10000

Add New

+

Search Filter

#	Correct?	Alpha	F.Hooks	F.-	Word	B.-	B.Hooks	Order	# Seen	# Right	# Wrong	Rank	Score	Last
1	O	ADEEILN			ALIENED			260	1	1	0	1	96	1/9/2025 6:10:48 PM
2	O	ADEEILN			DELAINE		S	261	1	1	0	1	96	1/9/2025 6:10:51 PM
3	O	ABEILMT			TIMBALE	-	S	5780	1	1	0	1	96	1/9/2025 6:10:56 PM
4	O	ABEILMT			LIMBATE			5779	1	1	0	1	96	1/9/2025 6:11:01 PM
5		ABEILMT			BIMETAL		S	5778	1	0	1	0	0	1/9/2025 6:11:11 PM
6		ADIKLOR			KILORAD		S	8355	1	0	1	0	0	1/9/2025 6:11:24 PM
7	O	ACEEMRT		-	CREMATE		DS	7184	1	1	0	1	96	1/9/2025 6:11:32 PM
8	O	ACEEMRT			MEERCAT		S	7185	1	1	0	1	96	1/9/2025 6:11:42 PM
9	O	DEFIRTT		-	FRITTED			8801	1	1	0	1	96	1/9/2025 6:11:46 PM
10		EIINORS			NOISIER			321	1	0	0	0	0	1/9/2025 6:11:50 PM
11		EIINORS	L		IONISER	-	S	318	1	0	0	0	0	1/9/2025 6:11:52 PM
12		EIINORS	S		IRONISE		DS	320	1	0	0	0	0	1/9/2025 6:11:54 PM
13		EIINORS			IRONIES		T	319	1	0	0	0	0	1/9/2025 6:11:56 PM
14	O	ACDINRU			CANDIRU		S	6637	1	1	0	1	96	1/9/2025 6:12:06 PM
15	O	ACDINRU			IRACUND			6638	1	1	0	1	96	1/9/2025 6:12:09 PM
16	O	DEGINRR			GRINDER		SY	5968	1	1	0	1	96	1/9/2025 6:12:15 PM
17	O	DEGINRR			REGRIND		S	5969	1	1	0	1	96	1/9/2025 6:12:25 PM

Search

Resume Quiz

The settings button on the top right has been labeled as under construction because there doesn't seem to be any reason for it to exist. The back button on the top left however will END the quiz so be careful. A quiz can end either by termination, by completion, by timeout, or by too many wrong answers depending on how you've configured it. Or of course, you could always rage quit and forcefully close the app. That's a 5th option. REPEAT will give you the exact same quiz again with random question order. REGENERATE will give you a new quiz with the same search criteria and settings that you used for this one.

Quiz has been terminated

✓	6	✗	2	122.6224	?	2	➡	4
---	---	---	---	----------	---	---	---	---

ALIENED	0
DELAINE s	0
TIMBALE- s	0
LIMBATE	0
BIMETAL s	X
KILORAD s	X
-CREMATE ds	0
MEERCAT s	0
-FRITTED	0

Back **Repeat** **Regenerate**

Mark Wrong

Mark Correct

One last thing I forgot to cover is the screen that lets you edit words. If you select a word while viewing a list, the Edit Word button will appear. Here you can change the word's ORDER, RANK, SCORE, TAG and DEFINITION. Again, remember to hit SAVE after you're done changing things. Note that TAG should ideally be a single word, a key word. Initially I wanted to make it as multiple tags separated by commas or whatever, but they can't be used for quizzing so easily then. Although... hmm... I guess multiple tags is like multiple anagrams isn't it? Hmm.. we'll see how it goes. Btw, if a word hasn't been quizzed, the timestamp will be the creation time.

SEAGULL

<i>Alphagram</i>	A EGLLSU	<i>Last Quizzed Timestamp</i>	1/7/2025 8:29:07 PM		
<i>Front Hooks</i>		<i>Back Hooks</i>	S		
<i>Right - Wrong (Times Quizzed)</i>	0 - 0 (0)	<i>Order</i>	18084	<i>Value</i>	8
<i>Definition</i>		<i>Rank</i>	0	<i>Score</i>	0
An adorable white bird with webbed feet who generally lives around temperate coasts. Varies greatly in size, appearance and temperament. [noun]		<i>Tag</i>			
		BIRD			

Back **Save**

Right, that should cover it for Version 1.

We're in an early access stage so expect lots of bugs and frequent updates.

For this reason, I would kindly appreciate NOT contacting me about bugs or issues you discover. Chances are I'm already aware of them and just too lazy to bother at the moment. However, IFF the issues you discovered do not get fixed after at least two updates, then you should probably come and tell me about it, not that it's something I'll enjoy hearing.

I know the app is not terribly stable but I just wanted to put it out there A.S.A.P for those who are itching to start studying for the upcoming events and stuff. Also, it mostly works so why not just let you all use it right? Just keep in mind that things can go wrong and please please be patient with the app. I started hating programming a long time ago and my official profession now is "Writer" not "Programmer", so.. Yeah. That being said, I have no intention of abandoning Word Crow. Not now. Not when I've sunk so much into it. So.. it will NOT be open source for the foreseeable future. It will still be free, just that I don't want random strangers staring at my code and potentially using it for monetary gain or whatever.

What will likely happen is in the distant future, someone may want to approach me to launch Word Crow on ios and I'll let them have the code to work on that. Or someone may want to implement multiplayer features and I'll let them have the code. These options are on the table, just not at the moment when the app itself is far from being grown up.

In any case, look forward to more features coming soon, and keep cawing on!

Best Regards, Ravencrow