

## Instructions for Filtering Spam with Mozilla Thunderbird

When an Email is processed through ISOMEDIA's SpamCatcher, the message header is tagged with asterisks ("\*") indicating the likelihood that the message is spam. The more asterisks ("\*") the Email header shows, the greater the likelihood it is spam.

If you don't have Mozilla Thunderbird, get it! It's much better (and safer) than Outlook Express, and it has built in Bayesian spam filtering. Best of all it's **free!** You can get your copy at http://www.mozilla.org/products/thunderbird/ forWindows, Mac OS X, or Linux x86 systems. If you already have Thunderbird, or when you're finished installing it, proceed to the next step.

First to turn on the adaptive junk mail detection (Bayesian filtering). Pull down the **Tools** menu and select **Junk Mail Controls**. This will open up the Junk Mail Controls dialog box. Find the **Adaptive Filter** tab and click on it. Make sure the **Enable adaptive junk mail detection** checkbox is checked.

👺 Junk Mail Controls	_ = ×
Thunderbird has several ways to detect junk mail, or unsolicited mail. These contevaluate incoming messages and identify those that are most likely to be junk mail icon is displayed if the message is identified as junk mail.          Configure Junk Settings for:       hosting@isomedia.com         Settings       Adaptive Filter	rols iil. A junk
Thunderbird can be trained to analyze the contents of your incoming messages identify those that are most likely to be junk. This can be an extremely effective detecting junk mail. If enabled, you must first train Thunderbird to identify junk mail by using the jun button to mark messages as junk or not. You need to identify both junk and non messages.	and tool for k toolbar junk
✓ Enable adaptive junk mail detection Resetting the training data used by the adaptive filter requires you to retrain the	e filter:
<u>R</u> eset Train	ing Data
Cancel	ок

Click on the **Settings** tab now. There are a few settings you'll want to set on this page. First, place a check in the **Move incoming messages determined to be junk mail to** checkbox. Be sure the **"Junk"** radio button is selected.

Next, place a check in the **Automatically delete junk messages older than** <u>days</u> **from this folder** checkbox. Enter the number of days to keep junk mail around for. The default number 14 is a good choice.

Finally, place a check in the **When I manually mark message as Junk** checkbox, and be sure the **Move them to the "Junk" folder** radio button is selected.

Junk Mail Controls		_ 0 ×
Thunderbird has several way evaluate incoming message icon is displayed if the mess <u>C</u> onfigure Junk Settings for: Settings Adaptive Filter <u>White Lists</u> Do not mark messag Personal Address B	vs to detect junk mail, or unsolicit s and identify those that are mos age is identified as junk mail. hosting@isomedia.com es as junk mail if the sender is in pok	ed mail. These controls t likely to be junk mail. A junk
Move incoming mess	ages determined to be junk mail t	to:
• "Junk" folder on:	hosting@isomedia.com	
O Other:	hosting@isomedia.com	-
Automatically dele	, te junk messages older than 🛽 1	4 days from this folder
When I manually mark  Move them to the  Delete them  When displaying HTM	rmessages as junk: "Junk" folder - messages marked as junk, san	itize the HTML
		J
Logging		]
View and configure junk r	nail logging.	Junk Mail Log
		Cancel OK

You're dialog box should look similar to the one below:

Click **OK** to close the dialog box, so we can move to the next step.

Pull down the **Tools** menu and select **Message Filters** to open the Message Filters dialog box.

🌮 Messag	e Filters		_ 🗆 🗙
Filters for:	hosting@isomedia.com	-	Filter Log
Enabled filte	rs are run automatically in th	ie order shown below.	
Filter Nam	e	Enabled	<u>N</u> ew
			Edit
			Delete
			Move: <u>Up</u>
			Move <u>D</u> own
Run sele <u>s</u> te	d filter(s) on: Jinbox		<u>R</u> un Now

To create a new filter, click the New button, and another dialog box will open.

🦻 Filter Rules		
Filter name: Spam Level For incoming messages that O Match all of the following	<ul> <li>Match any of the following</li> </ul>	
Subject	contains 💌	
<u>More</u> <u>Eewer</u>		
Move to folder:	hosting@isomedia.com	New Folder
Copy to folder:	hosting@isomedia.com	New Folder
🗖 Label the message:	Important	<b>•</b>
		Cancel OK

In the **Filter name** field, type in a friendly name that this filter will be called. "Spam Level" is a good choice.

The radio button for **Match any of the following** should be selected. Click where it says "Subject," and select **Customize...** at the bottom of the submenu. A smaller dialog box will open on top of the current one.

Filter Bules		
Filter name: Sp	am Level	
Face in a second second	🧭 Customize Headers	
O Match all of t	<u>N</u> ew message header:	_
Customize	X-MailScanner-SpamCheck	Add
		<u>R</u> emove
More		
erform these		
Move to fol		older
Copy to fold	OK	older
🗖 Label the m		
8		Cancel OK

At the top of this small dialog box, enter "X-MailScanner-SpamCheck" (without the quotes) in the **New message header** field. Save the entry by clicking the **Add** button, then the **OK** button.

Click where it says "Subject," again and select the newly created **X-MailScanner-SpamCheck** at the bottom of the submenu.

Leave the middle pull-down set to **contains**.

In the field to the right of the **contains** menu, type "LEVEL= " with as many asterisks (also called stars "\*") as you wish. Start with 10 asterisks for moderate tolerance, and subtract to add more aggressiveness; 5 asterisks will most likely catch all spam. Be careful when entering the LEVEL= text. There should be a space between the equals sign (=) and the first asterisk (\*), like so: LEVEL= \*\*\*\*\*

Now you have a choice. If you wish to download any messages that match this filter, find the checkbox in the **Perform these actions** section that reads **Move to folder**, and make sure it has a check mark in it. Next, click the small pull down menu and select the "Junk" folder.

By setting the **Move to folder** option, any mail you download that matches this Spam Level filter will automatically be placed in the "Junk" folder, away from the mail you consider important.

If you like, you could choose to place spam mail in the "Trash" folder, or create an entirely new folder to store spam. We like the "Junk" folder, because Thunderbird already places spam in the "Junk" folder by default.

🦻 Filter Rules				×
Filter name: Spam Level		1		
For incoming messages tha	at: g			
X-MailScanner-SpamC	💌 🔽 contains 💌 🕅	LEVEL= *****	8	
More Eewer				
🗹 Move to folder:	Junk on hosting@isomedia.com	New	Folder	
Copy to folder:	hosting@isomedia.com	• <u>N</u> ew	Folder	
Label the message:	Important	•		
		Cancel	ок	

Your other choice is to delete the spam without even downloading it. This isn't recommended, because of "false-positives." A false-positive email is message that was marked with a high probability of being spam, but was really an email you wanted to see. Good examples of these types of emails are newsletters you subscribe to, or messages from a mailing list you're subscribed to, or even a message from your Aunt Ruby that was written with a lot of HTML code (from a program like Incredimail).

But, if you're adventurous, and don't care about false-positives, Thunderbird can delete your junk mail without having to download it.

In the **Perform these actions** section, make sure all checkboxes are unchecked except for the one that reads **Delete from the POP server**.

🆻 Filter Rule	s				
Filter name:	Spam Level				
For incoming O Match all	) messages that: of the following	Match any of the f	ollowing		
X-MailScar	nner-SpamC 💌	contains	LEV	EL= *****	
<u>More</u> Perform the	Eewer se actions:				
🗖 Delete t	he message				
🔽 Delete f	rom POP server				
🔲 Fetch bo	ody from POP serve	er			
\$** 				Cancel	ок

What this does is look at the message before downloading it. If the messages matches the rules of this filter, Thunderbird issues a command to tell the server to delete the message. It will not be downloaded, and you will never see it. If the message does NOT match this filter, it will be delivered and placed in one of your folders in Thunderbird.

That's it. If you follow these instructions, you should have a solid handle on controlling the amount of spam that you receive.