Contents

[FEATURE: Move End Cursor Here 3](#_Toc307858443)

[FEATURE: Increase Titlebar text size 4](#_Toc307858444)

[BUG: Text Overlap 5](#_Toc307858445)

[BUG: File SaveAs 6](#_Toc307858446)

[FEATURE: Auto Segment and Auto Parse 7](#_Toc307858447)

[FEATURE: Cursor Selection 8](#_Toc307858448)

[FEATURE: Unchecking child checkboxes during SFM export 9](#_Toc307858449)

[FEATURE: WordList splitting 10](#_Toc307858450)

[[SPA-481] Cannot open 24-bit WAV files Created: 15/Aug/11  Updated: 15/Aug/11 14](#_Toc307858451)

[[SPA-474] Settings files not getting written Created: 11/Jun/10  Updated: 11/Jun/10 15](#_Toc307858452)

[[SPA-473] Unaable to install SA on Windows 7 - 64-bit Created: 09/Mar/10  Updated: 09/Mar/10 17](#_Toc307858453)

[[SPA-466] Crash when opening a wave file transcribed in a previous version Created: 12/Feb/09  Updated: 12/Feb/09 19](#_Toc307858454)

[[SPA-462] Problems with data location value on non-English windows Created: 02/Jul/08  Updated: 02/Jul/08 21](#_Toc307858455)

[[SPA-460] Korean XPP - SA can't open wav file located in a desktop folder Created: 24/Apr/08  Updated: 24/Feb/09 25](#_Toc307858456)

[[SPA-458] Relocate ReadMe file outside .msi file Created: 06/Feb/08  Updated: 06/Feb/08 27](#_Toc307858457)

[[SPA-454] Lines left on graphs (painting problem) Created: 12/Dec/07  Updated: 18/Nov/08 28](#_Toc307858458)

[[SPA-450] Cancelling an encoding conversion causes crash Created: 28/Nov/07  Updated: 28/Nov/07 29](#_Toc307858459)

[[SPA-447] Changing graph parameters causes crash in maximized graph Created: 13/Nov/07  Updated: 13/Nov/07 31](#_Toc307858460)

[[SPA-439] Upgrade Development Platform Created: 30/Aug/07  Updated: 18/Nov/08 32](#_Toc307858461)

[[SPA-438] Refactor SpeechToolsUtils Created: 30/Aug/07  Updated: 18/Nov/08 33](#_Toc307858462)

[[SPA-437] Duration graph painting causes infinite loop Created: 16/Aug/07  Updated: 18/Nov/08 34](#_Toc307858463)

[[SPA-405] High Resolution printing and preview (multiple problems). Created: 03/May/07  Updated: 21/Aug/07 36](#_Toc307858464)

[[SPA-393] Melogram pitch settings are not saved Created: 23/Apr/07  Updated: 21/Aug/07 39](#_Toc307858465)

[[SPA-369] Crash: after converting SA2 wave files (only some machines) Created: 02/Apr/07  Updated: 21/Aug/07 40](#_Toc307858466)

# FEATURE: Move End Cursor Here

In the client area of SA, a right-mouse click shows a pop-up menu that has

“Layout, Types, Parameters... “

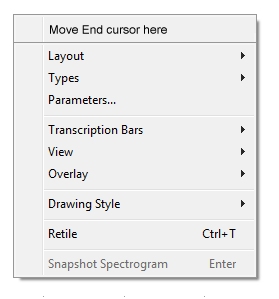
Would you add an option above Layout called “Move End cursor here”; See attached for what I’m thinking of.

The pixel where the mouse point is, and where the upper left hand corner of the pop-up is, is the location to move the End cursor to.

As is true for all items in the pop-up, actions happen for either a left mouse click or a right mouse click

The End cursor should be moved and the pop up should be closed, on the mouse-down event.

The current short-cut that moves the End cursor, is to hold down the Shift key and then left-click the mouse. This is a two-handed operation which is not so convenient, but this feature should not be removed.



# FEATURE: Increase Titlebar text size

The point size of text in the Title bar of each mini-cap window is very small and hard to read. Would you increase the point size to nearly fill the bar height.

# BUG: Text Overlap

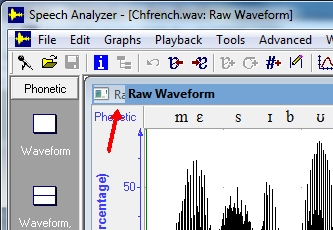
Select Tools/ Options...

In the Graphs wireframe and in the Title bar option

If you select “Large bar with Caption”, then note the hidden text behind the

Title; see attached.

The bug is in the mini-cap base class since it effects all mini-cap windows.



# BUG: File SaveAs

I have just found that File/ SaveAs does not work in 1.1, 1.2 or 1.3, but works in the 1.0 Release.

I didn’t know there was a problem with the Save dialog box.

For Save As since we customize it, can those features be put into a dialog box, and then show an unmodified Save dialog box?

Or can the Windows Save dialog be sub-classed into out custom dialog box?

As an idea, would it possible to detect the OS, and then use one routine for

XP, and another routine for Vista/Win7 ?

Thanks for working on the Move End Cursor Here.

Last night while I was looking at this issue some more (people having trouble getting the Stop cursor positioned for the first time), I thought of another way to make it even easier.

# FEATURE: Auto Segment and Auto Parse

The Auto Segment and Auto Parse features are hard to use since, as a user, I need to first select the Parameter option and set some numbers, and then go back and select the Auto function I want.

Would you make the following wiring change such that:

Selecting Auto Segment would bring up the current Warning dialog, but selecting OK would bring up the Parameters dialog, then selecting OK would do an Auto Segment. It would be ok to use the current two tab Parameter dialog box and just hide the Parse tab.

Selecting Auto Parse would bring up the current Warning dialog, but selecting OK would bring up the Parameters dialog, then selecting OK would do an Auto Parse. It would be ok to use the current two tab Parameter dialog box and just hide the Segment tab.

The Apply button does not currently work. It needs to do an OK function, but not close the dialog; thus allowing multiple Parse attempts before a user selects the Close button (which correctly replaces the OK button).

# FEATURE: Cursor Selection

Would you change the SA code so that on File open, locate the End cursor

very near, just a pixel or so to the right of, the Begin cursor?

This will do two things:

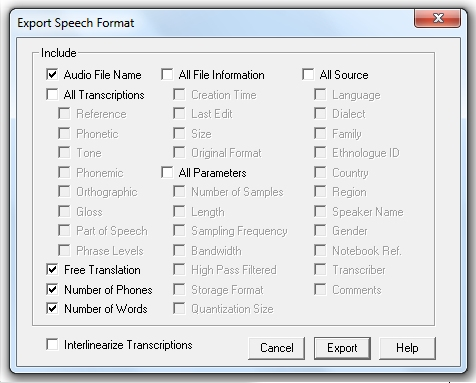
1) When a user clicks in the client area for the first time, and thus positions the Begin cursor, then the End cursor will be right there just to the right of the Begin cursor and thus easy to re-position.

2) Currently when a file is first opened, and Zoom is used to begin analysis work, then the file is zoomed into the center of the recording. However it is much more normal to work at the beginning of a file, and not in the middle, so the user currently has to Pan far left to get to the beginning of the file. With this new default location of the End cursor at the far left, a Zoom in will result in the file expanding to the left; thus letting the user immediately see, and work on, the beginning of the file.

# FEATURE: Unchecking child checkboxes during SFM export

Would you the way sub-items work. So that when a head item is un-checked, then that also un-checks it’s sub items.

See attached.



# FEATURE: WordList splitting

Well here is bigger job; adding a new feature.

Both instructors here feel this feature is holding them back from using SA with Wordlists, and thus they want to use Audacity.

This new feature would allow users to easily break up Wordlist recording so that other programs can play back single words.

The idea is to open the wave file, and after the user marks the various words, then save each word as a separate wave file.

I’ve attached a simple Wav / Saxml file that you can use.

This new feature should be put in the Save As dialog box; see attached.

The user will:

Open the recording (the .wav file)

Delineate the first word using the Begin & End cursors

Press the Add Segment button on the tool bar

Move the cursors to the next word and press the Add Segment button and thus complete the file.

Then the user will number each word in Ref

Then enter a preliminary Phonetic transcription

And then enter the English Gloss for the word

*Then using the Save As dialog, the user will save each word as a separate file using this new feature.*

I should be more specific as to what I intended to say.

When the user does a Save As, then clicks OK this will result in SA saving all of the audio data in the file into separate smaller audio files based on the Ref field.

So given the 12345 example I sent, then a single use of the Save As function by a user will automatically generate 5 separate wave files.

What I should have written was:

Then using the Save As dialog, the user will be able to automatically save each word as a separate file using this new feature.

The way to do this is auto separate saving process is to:

Position both cursors to beginning of the recording, by selecting the first Gloss word

Do this by using existing code to:

Press the ESC key to de-select any current selection

Do an Edit/ Select Segment/ Previous Item until it become invalid (i.e. grayed out)

#1 Do a test to see if both Ref and Gloss have text and that it is valid.

If either Ref or Gloss are blank, then do an Edit/ Select Segment/ Next Item

Jump up to #1

If they both have valid data, then save that word by using the code for the

File/ Save As/ Between Cursors command

Use the Ref and Gloss texts as the filename (i.e. “001 one.wav” and “002

two.wav”, ...)

Then use the SA code to do an Edit/ Select Segment/ Next Item

Jump up to #1

This process ends when Edit/ Select Segment/ Next Item becomes invalid (i.e. grayed out)

Note:

Since the Ref+space+Gloss string will become the filename, protect the Windows Write function from crashing by testing for invalid characters in the string (i.e. \ / : \*

? “ < > | ); If you find one I suggest you replace it with a hyphen so the user knows something is not correct.

…

For the Split File feature, after talking to one of the instructors, here is a revision to the filename process.

The conditions for building a valid filename are:

. Ref field can be alpha-numeric including <space>

. Gloss field can be alpha-numeric including <space>

. Ref field can be blank

. Gloss field can be blank

. Ref field and Gloss field cannot both be blank at the same time

. Ref field cannot have duplicate data

. Gloss field cannot have duplicate data unless Ref is different

. Ref field and Gloss field cannot use invalid characters

For now if an error condition exists, then put up a message that says something like “Invalid Filename - Failed to any save data”

In the future the offending item can be displayed so the user can more easily fix the problem.

Also, I suggest that these Split Files be put into a folder called Split that is a new sub-folder that SA makes in the location where the wave file is currently opened. In the future SA should let users choose the folder name and location.

FYI, a Wordlist is usually from 200 words to 400 words, but typically people the MSEA 436 Wordlist. A specific word like Sun will result in the following information being recorded: Ref, Word, Word, Word, Example:

Audio: Item Number One, Sun, Sun, Sun, The Sun is hot

I wanted to lay out my ideas for how the Split File feature would be implemented. As time goes on we can refine these details.

There are actually two parts to the Split File feature; Audio File support and Data File support. So far I’ve only talked about Audio File support. There will also need to be a version 1 and then a version 2.

The Data File will contain the information that a user enters. i.e. Ref, Phonetic, Gloss, and other Meta Data like Language, Speaker name, Date, ... All of this data needs to be exported from SA and imported into the linguistic program that people

are using these days called FLEx (Fieldworks Language Explorer). The SFM export of the Data File from SA needs to be imported into FLEx. For now I plan to work on this design and implementation by using the SFM Import feature in FLEx. In the future a new feature needs to be added to the SA Export list to support exporting in LIFT format.

Split File version 2 will require a dialog box to support all of the new user

options since they will not fit in the current customized Save As control. That is to say, in the future the selection of File/ Save As could bring up a dialog box first, the show the Windows Save As control regardless of what kind of saving the user wants to do.

Below is a chart showing the differences between what needs to be done now verses what might be done in the future after we have proven the initial concept of Split

File.

Terry

Feature in SA

version 1

version 2

version 3

Open Recording

File/ Open

File/ Open

File/ Open

Parse Recording

Tools/ Experimental Features/ Auto Parse1

and Manual editing

Enhanced Auto Parse

and Manual editing

Based on ref markers

and Manual editing

Ref data

Manual entry

Pre-Fill from Wordlist Doc file

Speech recognition of 0-9

Phonetic data

Manual entry

Manual entry

Speech recognition of Vowels

Speech recognition of Cons. (?)

Gloss data

Manual entry

Pre-Fill from Wordlist Doc file

Pre-Fill from Wordlist

Meta Data

<not supported>

File/ Information/ Source

File/ Information { all tabs }

Audio Folder name

“Split”

User selectable

User selectable

Audio Filename

Ref & Gloss

User selectable including any Transcription Bar names

User selectable including any Transcription Bar names

Folder Location

In current open file

User selectable

User selectable

Save As

Updated Save As dialog box

Use new setup dialog box

Also save All data in Ref and also a selected single word within Ref

Use setup dialog box

File/ Export

Use SFM Export

New Export/ LIFT option

New Export/ LIFT

1Note: for now you need to hold down the Ctrl key and click Tools and Experimental Features.

I suggest you un-hide this feature.

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| [SPA-481] [Cannot open 24-bit WAV files](https://www.jira.insitehome.org/browse/SPA-481) Created: 15/Aug/11  Updated: 15/Aug/11 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Player](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10388) |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | None |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [John Wickberg](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=john_wickberg) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |
| **Environment:** | Reported by Mike Cahill | | |

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| **Description** |  |

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| Many current recorders create 24-bit WAV files and these can't be opened directly in SA.   Since Windows Media Player is used to do the conversion of sound files that aren't 16-bit or 8-bit WAV files, the problem may with WMP. |

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| [SPA-474] [Settings files not getting written](https://www.jira.insitehome.org/browse/SPA-474) Created: 11/Jun/10  Updated: 11/Jun/10 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Graphs - Parameters](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10391) |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | None |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Steve White](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=steven_white) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |
| **Environment:** | Windows 7 Starter, WIndows XP | | |

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| **Description** |  |

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| A user finds that the custom graph types cannot be saved, he also cannot get rid of the initial warning message about XML files. The program is not writing .psa files in the <My Documents>\Speech Analyzer folder and he has permissions to write to that folder.   "I am not found the file [g-speech.psa] in the Libraries\Documents\Speech Analyzer in Windows 7 and in C:\Documents and Settings\1\My docs\Speech Analyzer in Win XP Sp3. And any \*.psa file in all comp (I have seached in hiden system files too). I have permission to write (as Administrator). Our soft: SA 3.0.1 Win XP Pro SP3 and Win 7 Startup"  Bert Jickty <[bertjickty@gmail.com](mailto:bertjickty@gmail.com)>  Initial request: From: Bert Jickty [mailto:[bertjickty@yandex.ru](mailto:bertjickty@yandex.ru)]   Hello from Siberia! I am engineer at the Yakutian State University. And I have problem with Speech Analyzer. It's not save custom configuration of Graphs and Layouts permamently by: Tools-Options-Startup-Permanently-Close. If i create new configuration (F7) and save and reload SA, default graphs configurations only is appear. And secondly: how disappear startup message about .saxml files? Our soft: SA 3.0.1 Win XP Pro SP3 and Win 7 Startup" |

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| [SPA-473] [Unaable to install SA on Windows 7 - 64-bit](https://www.jira.insitehome.org/browse/SPA-473) Created: 09/Mar/10  Updated: 09/Mar/10 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [John Wickberg](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=john_wickberg) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |
| **Environment:** | Reported by "Konstantinos Avdelidis" <[avdel@auth.gr](mailto:avdel@auth.gr)> | | |

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| **Description** |  |

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| Dear madam/sir,   Well I finally managed to workaround the error described in my previous e-mail and install the Speech Analyzer 3.0.1 on my Windows 7 x64. However, I needed to hack the "Speech Analyser.msi" installation file (hope you don't mind).   The problem lied at the fact that for some reason (I don't have THAT deep knowledge of Windows Side-By-Side registration mechanism in Windows 7) the assembly "Microsoft.VC80.CRT" (and probably "Microsoft.VC80.MFC") for version 8.0.50727.42 failed to install. I tried to modify the files and manifests to version 8.0.50727.163 which was already installed in my system but the same error with the previous version number kept coming up. So I figured that somewhere in the MSI file the version was hardcoded.   Here is what I did. I used the Orca MSI Editor and modified the version of the relative items from 8.0.50727.42 to 8.0.50727.163 in the "MsiAssemblyName" table. This actually bypasses the erroneous installation procedure and permits the installation to complete since the new version was already in my system.   I do not know if support and development of Speech Analyser is still active, but the truth is that I haven't found any other tool that meets my demands so good. I wonder if you could inform whether there is any service release planned in the near future or the Speech Analyser development is RIP.   I should also remind of a past bug that I had reported to you consisting of an issue about the messed up non-ANSI folder names stored in the registry during setup.   Please do take some time to give me the above information.   Thank you in advance.   Konstantinos A. Avdelidis Electrical and Computer Engineer PhD Candidate, Dept. Computer & Electrical Engineering, Aristotle University of Thessaloniki |

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| [SPA-466] [Crash when opening a wave file transcribed in a previous version](https://www.jira.insitehome.org/browse/SPA-466) Created: 12/Feb/09  Updated: 12/Feb/09 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Transcriptions](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10300) |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Attachments:** | Chinese.SA2.wav |

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| **Description** |  |

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| Right click Chinese.SA2.wav (attached). Click Open As and choose Speech Analyzer 3.0 (or later).  ERROR: SA crashes during startup. |

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| **Comments** |  |

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| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 12/Feb/09 08:43 AM ] |
| The crash happens when Speech Analyzer tries to release the splash screen in CSaApp::InitInstance(). |

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| [SPA-462] [Problems with data location value on non-English windows](https://www.jira.insitehome.org/browse/SPA-462) Created: 02/Jul/08  Updated: 02/Jul/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Tools Options](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10389) |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |
| **Environment:** | Greek WinXP migrated to English WinXP | | |

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| **Description** |  |

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| SA cannot find data location to update settings in sa3.psa.   Also, the data location setting was not updated upon reinstall.   ----------------------------------------------------------------  E-mail from Konstantinos A. Avdelidis, 6/26/08...  Corey,   Thank you for the response,   However I managed to locate and solve the problem during the previous weekend and I was ment to report the fix to you. After discovering that the settings file was indeed the sa3.psa i noticed that it remained unchanged after the saving of settings. The HKEY\_CURRENT\_USER\Software\SIL\Speech Analyzer\DataLocation was also pointing to the right location. Everything seemed right.   -BUT-   Since I have a migrated winxp en setup from a winxp gr, my documents folder was named after "avdel - Έγγραφα" (greek chars). This produced a file access error in the Proccess Monitor, due to the fact that the folder name was not decoded correctly by SA, resulting in failing of save and load (obviously an encoding mismatch). I changed the my documents folder name in "avdel - My documents", uninstalled, installed the SA and the HKEY\_CURRENT\_USER\Software\SIL\Speech Analyzer\DataLocation was still pointing in the old location (no change after new install). After the manual change of the corresponding value in the registry, everything worked ok.   I tried to give a detailed description of the solution in order for you to be able to correct this behaviour in future versions or to provide help in similar conditions.   Thanks again for the prompt interest.   Konstantinos A. Avdelidis Electrical and Computer Engineer, AUTH PhD Candidate, Department of Electrical and Computer Engineering, AUTH     ----- Original Message -----  From: SA Error Reporting  To: Konstantinos Avdelidis  Sent: Wednesday, June 25, 2008 7:30 PM Subject: Re: Problem saving options   Dear Konstantinos,   You should be able to save the view settings, as you expect. Fonts, however, should be saved automatically, without clicking Permanently under Set default view template.   The fact that these two things do not work indicates a problem with the settings file. This is normally located under My Documents in a folder called Speech Analyzer. The name of the file is sa3.psa.    Please do the following: - Using Registry Editor, verify that the following registry value exists:  HKEY\_CURRENT\_USER\Software\SIL\Speech Analyzer\DataLocation          If it does not exist, create it.  - If this value exists verify that it is set to ...My Documents\Speech Analyzer. If it is not, set it.  - Verify that sa3.psa exists.   - If sa3.psa exists, check if it has the read-only attribute set. If it does, clear this attribute.  - If sa3.psa exists, do the following  1. Start Speech Analyzer.  2. In the Options dialog box, change one of the fonts as you attempted to do before.  3. Exit Speech Analyzer.  4. Verify the file date on sa3.psa.     This assumes you are using Windows 2000 or XP. Folder names will differ slightly on Windows Vista.   Let me know if the problem persists.   Best Regards,   Corey Wenger JAARS Software Development Waxhaw, NC USA ----- Original Message -----  From: Konstantinos Avdelidis  To: [SaErrors@sil.org](mailto:SaErrors@sil.org)  Sent: Sunday, June 15, 2008 10:27 AM Subject: Problem saving options   Dear Sir/Madam,   I would like to ask a question regarding an unexplenable reaction of the Options\Startup\Permanently action. Do the options related to fonts, transcription bar appearance on selected graphs and graphs titlebar are supposed to be saved when "Set default view template" is pressed on "Permanently"? The thing is that I would like to use a specific (rather irregular) view every time I open the SA and it just refuses to store the custom view related data. Do I have to re-adjust the view setup every time I run the application or is some kind of a bug?   Thanks in advance.   PS: I also had a look under the "SOFTWARE\SIL\Speech Analyzer\Settings" registry keys and no values are stored in there under any of the root keys. Note also that I execute the program with an account with admimistrative rights.   Konstantinos A. Avdelidis Electrical and Computer Engineer, AUTH PhD Candidate, Department of Electrical and Computer Engineering, AUTH |

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| **Comments** |  |

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| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 02/Jul/08 10:37 AM ] |
| This is probably due to non-ASCII characters in the My Documents pathname.  There may be a non-Unicode string or function call in this code. |

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| [SPA-460] [Korean XPP - SA can't open wav file located in a desktop folder](https://www.jira.insitehome.org/browse/SPA-460) Created: 24/Apr/08  Updated: 24/Feb/09 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Todd Jones](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=todd_jones) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |
| **Environment:** | Korean XPP SP2 SA 3.0.1 PA 3.0.1 RC 11 | | |

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| **Attachments:** | Apr. 25 # 10.06.25 AM.jpg     SA not open wav file.jpg |

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| **Description** |  |

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| A most curious thing...  SA 3.0.1 complains and gives an error msg (see attached print screen) when the user edits a Data Corpus record from a wav file located in a desktop folder. The desktop name has korean characters and SA doesn't like that. When you try to edit the save wav file but it's in a My Documents folder, everything works.  I also opened SA independently of PA and then successfully opened a wav file on the desktop??? Possible the file name hand-off from PA to SA isn't using the same code that SA uses for normally opening files? |

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| Comment by [Todd Jones](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=todd_jones) [ 24/Apr/08 05:16 PM ] |
| Another curious thing... everything works fine in Korean VistaBus |
| Comment by [Todd Jones](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=todd_jones) [ 25/Apr/08 10:08 AM ] |
| This also happens in Simplified Chinese XPP. See attached screen shot. |

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| [SPA-458] [Relocate ReadMe file outside .msi file](https://www.jira.insitehome.org/browse/SPA-458) Created: 06/Feb/08  Updated: 06/Feb/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | | Task | **Priority:** | Critical | |
| **Reporter:** | | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned | |
| **Resolution:** | | Unresolved | **Votes:** | 0 | |
| **Labels:** | | None | | | |
| **Remaining Estimate:** | | Not Specified | | | |
| **Time Spent:** | | Not Specified | | | |
| **Original Estimate:** | | Not Specified | | | |
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| [SPA-454] [Lines left on graphs (painting problem)](https://www.jira.insitehome.org/browse/SPA-454) Created: 12/Dec/07  Updated: 18/Nov/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [3.0.1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10894) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Description** |  |

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| Open any file in Speech Analyzer. On the Help menu, click About Speech Analyzer. Click OK.  Error: thin lines remain showing the outline of the About box.  This happens if any non-maximized window is placed in front of SA. |

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| [SPA-450] [Cancelling an encoding conversion causes crash](https://www.jira.insitehome.org/browse/SPA-450) Created: 28/Nov/07  Updated: 28/Nov/07 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Transcriptions](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10300) |
| **Affects Version/s:** | None |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Attachments:** | Error message.jpg |

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| **Description** |  |

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| From John Wickberg...  While doing some testing on how SA 3.0.1 updates the SA 2 .WAV files, I copied one of the sample .WAV files of Speech Tools to a temp folder and one of my tests updated the file. I wanted to get back to a known spot, so I deleted the .SAXML file and the changed .WAV file and then moved the original file back to the temp folder from the SA2 sub-folder and then deleted the sub-folder.  I then double-clicked the .WAV file to start SA and when the conversion dialog comes up, I cancel it and then get the following message:  (see attached image)  If I now open the file directly in SA, it seems to open fine and I can cancel the conversion dialog.  I copied a different sample file to my temp folder, removed the read-only flag and then tried double clicking it. I get the same message as above when I cancel the dialog.  So, it looks like SA doesn't like you to cancel that dialog when you did a double click on the file to start the program.  I don't think this is a show stopper, but thought it worth documenting.  John |

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| [SPA-447] [Changing graph parameters causes crash in maximized graph](https://www.jira.insitehome.org/browse/SPA-447) Created: 13/Nov/07  Updated: 13/Nov/07 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Graph, Duration](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10299), [Graphs - Parameters](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10391) |
| **Affects Version/s:** | [2.7](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10253) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Description** |  |

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| 1. Run SA 2. Open the Graph Types Custom dialog box. 3. Leave Raw Waveform and Auto Pitch checked. 4. Select Duration. 5. Click OK.    Raw Waveform, Duration and Auto Pitch graphs are now visible. 6. Maximize Auto Pitch graph. 7. Open the Graph Parameters dialog box. 8. Change Scaling to Linear. 9. Click OK. 10. If necessary, repeat steps 8-10 several times.  Error: SA crashes. |

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| [SPA-439] [Upgrade Development Platform](https://www.jira.insitehome.org/browse/SPA-439) Created: 30/Aug/07  Updated: 18/Nov/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | None |
| **Fix Version/s:** | [Postponed - Possible](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10836) |

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| **Type:** | Programmer Task | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| Evaluate Linux Port vs. current Visual Studio release. Move all code to new platform. |

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| [SPA-438] [Refactor SpeechToolsUtils](https://www.jira.insitehome.org/browse/SPA-438) Created: 30/Aug/07  Updated: 18/Nov/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | None |
| **Fix Version/s:** | [Postponed - Possible](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10836) |

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| **Type:** | Programmer Task | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| Rename the project (SaTransUtils?).  Remove PA-specific and unused code, including...  - ExceptionViewer.cs  - FontHelper.cs  - GridCellPiecePainter.cs  - IdenticalMD5Dlg.cs  - NoActivateWnd.cs  - PaintingHelper.cs  - SettingsHandler.cs  - SilHierarchicalGridParts.cs  - SilPopup.cs  - SpeechToolsSettingsHandler.cs  - XMLHelper.cs  Update COM calls from C++ code. |

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| [SPA-437] [Duration graph painting causes infinite loop](https://www.jira.insitehome.org/browse/SPA-437) Created: 16/Aug/07  Updated: 18/Nov/08 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Graph, Duration](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10299) |
| **Affects Version/s:** | [2.5](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10202) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Description** |  |

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| An infinite loop is suspected because the CPU Usage increases to 100%. There are several different cases in which this occurs. It appears that in each case the Duration graph painting code is being called, but it's not able to finish, then being called again because it didn't finish, not being able to finish again, etc.  Open Windows Task Manager. Click on Performance. CPU Usage should be less than 100%.  Open any file. Add a Duration graph. Open a second file.  Error: CPU Usage immediately increases to and stays at 100%.  Switch back to the first file.  Result: CPU Usage drops.  Switch to the second file by pressing Ctrl + Tab instead of using the Windows menu.  Result: CPU Usage does not increase to 100%.  (The difference may be that this time the menu did not drop down, so painting happens in a difference way.)  Switch back to the first file. Click the Restore button if SA is maximized. Drag SA toward the bottom of the screen until the Duration graph is completely off the screen. Slowly drag SA toward the top of the screen until a portion of the Duration graph is showing.  Result: CPU Usage increases to 100%.  Drag SA toward the top of the screen until the entire Duration graph is showing.  Result: The Duration graph redraws. CPU Usage decreases to near 0%.  Drag the Windows Task Manager window over part of the Duration graph.  Result: CPU Usage increases to 100%, but then decreases.  Drag the Windows Tasks Manager window back the other direction slightly.  Result: The Duration graph blanks out. CPU Usage increases to 100%. |

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| [SPA-405] [High Resolution printing and preview (multiple problems).](https://www.jira.insitehome.org/browse/SPA-405) Created: 03/May/07  Updated: 21/Aug/07 | |
| **Status:** | Reopened |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [2.5](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10202), [2.6](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10203), [2.7](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10253) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| **Attachments:** | changeset.zip     SA2.6-1.2\_src.zip |

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| **Description** |  |

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| Note: These steps only apply to versions 2.5, 2.6 and 2.7. High Resolution printing has been disabled in 3.0.  Open Chinese.wav. Click Graph Types on the Edit menu. Click Custom. Select the following 5 graphs: Raw Waveform, Auto Pitch, Smooth Pitch, Custom Pitch and Raw Pitch. Deselect all other graphs. Click OK. Select the segment transcribed as [b] (at 0.3390 seconds). Zoom to Cursors. Click View on the Graphs menu, then click Magnify, then click x4. Click Options on the Tools menu. Select the second to last item in the Vertical Gridlines list (dashed line). Select the same in the Horizontal Gridlines list (dashed line). Click Page Setup on the File menu.  Error: Hi Resolution should be High Resolution.  Select Hi Resolution. Click print.  Error: The printout exhibits the following problems:  - only Raw Waveform window is visible, but no plot line appears.  - a fragment of the plot line is visible in the upper-left corner of the page.  - other graphs are completely missing.  - plot lines extend beyond the plot window.  - phonetic text (inverted v) appears in the left margin (outside the transcription bar).  - graph window boundaries are missing.   Click Page Setup on the File menu. Select Hi Resolution. Click Preview.  Error: The preview exhibits the following problems:  - only part of the Raw Waveform plot line is visible.  - the Raw Waveform plot line extends beyond the plot region of the graph window.  - other graph windows contain no plot at all.  - plot lines extend beyond the plot window.  - phonetic text (inverted v) appears in the left margin (outside the transcription bar).  - graph window boundaries are missing.  - A preview status bar appears above the normal status bar.  Click Close.  Error: The preview status bar remains above the normal status bar. |

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| **Comments** |  |

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| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 18/Jun/07 05:27 PM ] |
| Only One Graph Per Page seems to work. That is now the default. The High Res print options are mostly hidden. Only the graph selection list is visible, now. |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 20/Jun/07 11:32 PM ] |
| There are still problems with One Graph Per Page. |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 20/Jun/07 11:47 PM ] |
| Just completely removed the Hi Resolution option. |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 26/Jun/07 12:57 PM ] |
| Larry thinks this is a show-stopper. |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 06/Jul/07 09:41 AM ] |
| Clipping seems to be the problem that causes the graphs to either not appear at all or only partially appear. Notice that a small portion of the magnified raw waveform appears in the upper-left corner of the printout. This is because the clipping region begins in the upper left corner and is about an inch wide and half inch high.  Eberhard found a way to get the clipping region to display using the following code toward the end of PlotStandardPaint() in sa\_plot.cpp, just before DrawData():  CRect tmp; pDC->GetClipBox(tmp); tmp.DeflateRect(2,2);  CBrush brush(pColor->cSysBtnFace); pDC->FrameRect(tmp, &brush);  At times it seemed to agree with the clipping region, at other times, not.  Any fixes will need to be thoroughly tested, since this affects drawing in the main window, as well as printing and preview.  Other problems seem to have been there from the start.  There is yet another problem which seems to have been introduced with Unicode because it only occurred in development versions of 3.0. The problem occurs any time you have text in segments that gets shrunk to a dot. In debug this throws and exception when the dot symbol is created. The entire transcription is re-fonted in some system font (MS Sans Serif, or something). |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 06/Jul/07 09:56 AM ] |
| This is the SA source just before the checkin that introduced the bug (SA2.6-1.2\_src.zip). |
| Comment by [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) [ 06/Jul/07 09:56 AM ] |
| This is the changeset that introduced the bug (changeset.zip).  The check-in is a fairly complex one, with multiple fixes and re-factoring combined. I believe the problem was introduced with the changes in PlotStandardPaint() in sa\_plot.cpp.  The change appears to have been merged over into SA 2.5 as it exists there, as well. |

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| [SPA-393] [Melogram pitch settings are not saved](https://www.jira.insitehome.org/browse/SPA-393) Created: 23/Apr/07  Updated: 21/Aug/07 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | [Graph, Melogram](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&component=10305) |
| **Affects Version/s:** | [3.0 RC1](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10787) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |

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| [SPA-369] [Crash: after converting SA2 wave files (only some machines)](https://www.jira.insitehome.org/browse/SPA-369) Created: 02/Apr/07  Updated: 21/Aug/07 | |
| **Status:** | Open |
| **Project:** | [Speech Analyzer](https://www.jira.insitehome.org/secure/BrowseProject.jspa?id=10101) |
| **Component/s:** | None |
| **Affects Version/s:** | [3.0 B3](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&version=10722) |
| **Fix Version/s:** | [Postponed - Next Steps](https://www.jira.insitehome.org/secure/IssueNavigator.jspa?reset=true&mode=hide&sorter/order=ASC&sorter/field=priority&pid=10101&fixfor=10661) |

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| **Type:** | Bug | **Priority:** | Critical |
| **Reporter:** | [Corey Wenger](https://www.jira.insitehome.org/secure/ViewProfile.jspa?name=corey_wenger) | **Assignee:** | Unassigned |
| **Resolution:** | Unresolved | **Votes:** | 0 |
| **Labels:** | None | | |
| **Remaining Estimate:** | Not Specified | | |
| **Time Spent:** | Not Specified | | |
| **Original Estimate:** | Not Specified | | |