

Report February 2016

This is a progress report for the NVDA project in the month of February 2016. The development work is going on in the text to speech engine TTS eSpeak and the screen reader NVDA.

Trainings are also conducted to spread awareness about NVDA.

NVDA section

The following issues were worked on in the month of February:

Bug ID	Description	Status
5619	ref bug #2471 Visual Studio 2010 Open Code Editor File Name Not Reported with CTRL+TAB The extra info being spoken by NVDA on first and second control tab is now eliminated. However some differences in output when using build and when running solution directly from code. Researching to find out the reason for this problem.	Work is in progress
Language toolbar accessibility	Researching on the inaccessibility of menu items to reach keyboard layout. Worked with Inspect tool, AccEvent, behaviour of these menus in windows 10. Since the hierarchy tree for these menu items was broken, NVDA was filtering out these menu items. These menu items are now accessible using object navigation. However once menu item is selected, the focus is lost. A solution to solve this issue (bringing focus back on language bar once menu item is selected) is in testing mode. Working on a solution to make keyboard layout change using keyboard shortcut.	Work is in progress.
4909	Reference bug#1541: MS Word- charts are not detected and read by NVDA. Word charts don't have events like the ones in excel, therefore making the task more complicated. The programmer started with a solution having navigation through series, points and chart title. Once done with this, the programmer took up the task of adding virtual row for chart elements. The programmer have developed a framework for the solution and modeled series-points in this manner. Similarly, other chart elements were also added.	Work is in progress.
	Ã paper was presented by IIT Delhi NVDA team in DEIMS 2016 on "Microsoft Excel Charts TM Accessibility an Affordable and Effective Solution"	
4908	Displaying font information in a virtual message will be helpful. There was an issue fixed in this bug in which a ding error sound was being produced after using TAB and ALT key.	Accepted.

Training Section:

Following is a short report on the training conducted in the month of February:

Date: 27th February 2016

Venue: Karna Vidya Technology Centre, Gindi, Chennai.

A training program was conducted for special educators in the visual impaired sector. The center is headed by Prof. Raguraman. Forty eight participants attended the training program.