

Report April 2016

This is a progress report for the NVDA project in the month of April 2016. The development work is going on in 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 April:

Bug ID	Description	Status
5874	<p>Suggestion: providing a way to add custom labels on web pages on IE will be helpful.</p> <p>Solved the problem of getting domain name for all web pages. Used getattribute url of the HTML element instead of using IAccessible hierarchy to find the url of the webpage on which the element exists.</p> <p>Creation of custom label file in the folder where other userfiles exist. Earlier this file was being created in the local NVDA folder and hence was not accessible from the build.</p> <p>Making custom labels readable in browse mode as well, after first testing they were being read only in focus mode. This was done by adding the name attribute to the virtual buffer and then modifying this name attribute to the custom label assigned if it exists in the normalize ControlField.</p> <p>Making custom labels readable for multiline edit boxes as well, earlier it was working only for form fields (HTML input type nodes).</p> <p>--</p> <p>The test build can be downloaded from the link below: https://www.dropbox.com/s/d4fsmduloyd044/nvda_snapshot_source-in_tCustomLabels-1aae748.exe?dl=0</p>	Work is in progress.
5738	<p>Ref Bug 1541: shapes are not accessible in MS Word.</p> <p>A basic prototype was created in which basic SmartArt content in MS Word document could be accessed using 'g' key or from the Elements List Dialog box. Moreover, identification of object as SmartArt while navigating the document was also implemented in C++. The developer is now working on finding a solution to extend this solution to basic shapes also in MS Word. translation the test build can be downloaded from the link below: https://www.dropbox.com/s/3v4ol1ex7kt06dn/nvda_snapshot_source-in_t5738-3427d49.exe?dl=0</p>	Work is in progress.
4909	<p>Reference bug#1541: MS Word- charts are not detected and read by NVDA. View all</p>	Work is in progress

	<p>Moreover, the developer also incorporated suggestions given by the testers in Word Chart Accessibility solution. The developer redesigned a few classes to model the object instantiation using factory method design pattern. He also improved the modularity of this code by moving constants common to both Excel and Word charts to a separate module. Further, he improved certain translation comments and regular expressions used in the code.</p> <p>The test build can be downloaded from the link below: https://www.dropbox.com/s/0slcouq77ngaa6w/nvda_snapshot_source-in_t1541_Fin-dc2a560.exe?dl=0</p>	
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