

Report July 2016

This is a progress report for the NVDA project in the month of July 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 July 2016:

Bug ID	Description	Status
5874	<p>Suggestion: providing a way to add custom labels on web pages on IE will be helpful.</p> <p>The custom labels assigned to links can now be added to the virtual buffer and are being read by NVDA.</p> <p>The custom label data was made available to the function where the buffer creation is taking place by sending this data to the backend class which is a parent class of the class to which this function belongs. In this backend class a map was created using these labels and this map can be used by child classes, hence also by the function creating the buffer.</p> <p>At the time of buffer creation, whenever an node of type "anchor" is encountered on a web page and an "href" attribute is associated with it, we compare the value of this attribute with all the keys present in map which contains all the labels which have been assigned by the user. If it matches with some key, the value corresponding to that key from the labels map is added to the buffer.</p> <p>Right now this can be done for a static url. Working on a solution to make it work for dynamic URLs. Also this solution has to implemented for nodes of type "img" and a similar approach needs to be followed for form fields rather than the earlier approach that was used.</p> <p>The test build can be downloaded from the link below: https://www.dropbox.com/s/wa0t88jd5x1sruq/nvda_snapshot_source-in_t5874-1aae748.exe?dl=0</p>	Work is in progress.
Vocalizer TTS	The work is also going on in vocalizer TTS.	Work in progress

Training section:

Following is a short report on the trainings conducted in the month of July 2016:

Month: July - 2016

New Delhi: National Association for the Blind, R.K. Puram

Trainer: NAB Delhi Helpline Team consisting of Mr. Alok Kumar, Mr. Mrityunjay and Mr. Ramanna

Date: 05-07-2016, 08-07-2016, 21-07-2016, 26-07-2016, 29-07-2016

The visually impaired persons were provided training and help on using eSpeak for reading Hindi text on the Windows and Android platform. Most of the training was done over phone. Some of the persons also visited the helpline desk.

- Total female participants: 04
- Total male participants: 04
- Total participants: 08

Maharashtra: XRCVC-Viviana Extension, Thane

- Trainers: Vikas Dabholkar, Keshavan Nadar and Harshad Jadhav.
- Date: 3-7-16
- Android workshop
- Date: 17-7-16
- Using skype with NVDA E-Speak Workshop
- Date: 23-7-16
- NVDA workshop
- Date: 31-7-16

Marathi eSpeak with NVDA Workshop

- Total female participants: 05
- Total male participants: 08
- Total participants: 13

Maharashtra: Karna Vidya Technology Centre, an entity of Karna Vidya Foundation

- Trainer: Mr. Dinesh Kumar B
- Date: 03 – 07 – 2016
- Employability Skillset speech by Mei Porul Team
- Date: 06 – 07 – 2016
- Awareness on NVDA for College Going Students
- Date: 09 – 07 – 2016

Awareness on NVDA (C To C)

- Date: 14 – 07 – 2016
- Demo on NVDA

- Total female participants: 83
- Total male participants: 151
- Total participants: 234

Gujrat: Andhjan Kalyan Trust

- Trainers: Sanjay Sankhat
- Date: 04/07/2016 to 05/07/2016

Training of NVDA and E-Speak Gujarati at Shree Andhjan Kalyan Trust, Dhoraji, Gujarat

- Date: 18/07/2016 To 19/07/2016

Training of NVDA and E-Speak Gujarati at Andh mahila vikas gruh, rajkot

- Total female participants: 06
- Total male participants: 09
- Total participants: 15

Madhya Pradesh: Arushi

- Trainer: K. K. Pandey & Santosh Khare
- Date: 11.07.16
- One Day Training Program on use of NAVA with E-Speak for Special Educators.
- Total female participants: 10
- Total male participants: 03
- Total participants: 13