|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| STEP | Ext | asterisk | pd | cereproc | midi | other |
|  |  | Initialised from boot | Background sounds in Kiosk – from boot |  |  | Jack server started |
|  |  |  |  |  | Midi human detector |  |
|  |  |  |  |  |  | ringmido.py |
|  | 300 |  |  |  |  | ringbash.sh calls 300 kiosk telephone rings |
|  | 0 | Call to hear operator response  >calls tts\_callback  >Sends midi note value (ext or 100?) to PD to trigger response  >Enables app\_jack  >Convert wav file format  >playback audio file to receiver | PD  >receives Midi note value based on ext  >reads cue.txt  >plays cues | tts\_callback  >clears contents of cue.txt >processes ssml file  >outputs wav file  >outputs cue.txt |  |  |
|  | 99  hangup | Sends midi note value 99 to PD to trigger response | >Receives midi note value 100  >stop all sound |  |  |  |
|  | 300 Kiosk ringing | Pickup to hear operator response  Sequence as step 5 - 6 |  |  |  |  |
|  | 101-199 | Sequence as step 5 - 6 |  |  |  |  |
|  | Wrong number | Sequence as step 5 - 6 |  | Sequence as step 5 except processes wrongnumber.xml |  |  |

Additional functionality

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | route | asterisk | pd | cereproc | midi | other |
|  | From voipfone 01904215445 |  |  |  |  |  |
|  | From softfone |  |  |  |  |  |
|  | To Darkice |  |  |  |  |  |
|  |  |  |  |  |  |  |

File locations

|  |  |  |  |
| --- | --- | --- | --- |
| no | path | contains | Example/naming |
|  | Dropbox/K6\_primo |  |  |
|  | Dropbox/K6\_primo/audio | Wav files played by PD to receiver, kiosk or external speaker in ext number folders | Eg. 112/trigger12\_01.wav |
|  | Dropbox/K6\_primo/cerevoice\_sdk/ | All the required cerevoice system files |  |
|  | Dropbox/K6\_primo/cerevoice\_sdk/examples/python/ | The tts\_callback application | tts\_callback(no).py |
|  | Dropbox/K6\_primo/cues | The cue.txt file for PD to sequence wav files in location 2 | cue.txt |
|  | Dropbox/K6\_primo/darkice | Darkice config files | darkice3.cfg |
|  | Dropbox/K6\_primo/fx | Fx files in ext number folders | Eg. 112/fx12\_01.wav |
|  | Dropbox/K6\_primo/patchbay | Patchbay xml files for jack | K6\_primo.xml |
|  | Dropbox/K6\_primo/pd | Scripts for Pd | >countpoems.py – counts number of ssml files and thus number of extension numbers available – writes text to wrongnumber.xml and updates file poemnumber.txt NEEDS REVISING THIS COULD BE SAME SCRIPT AS OPERATOR  >killring.sh – cancels ringbash  >miditoPd.py – routes ext number as midi note on to >midi through and thus to Pd  >ringbash.sh – rings kiosk  >ringmido.py - initializes potential ringing in kiosk |
|  | Dropbox/K6\_primo/scripts | Python and Bash scripts |  |
|  | Dropbox/K6\_primo/speech\_audio | Audio produced by tts\_callback |  |
|  | Dropbox/K6\_primo/speech\_audio/render | Audio rendered by sox for playback by asterisk |  |
|  | Dropbox/K6\_primo/ssml | ssml files for processing by TTS\_callback |  |
|  |  |  |  |