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| **name** | **description** | **tech** | **notes** |
| route | list of legal 3 digit (100 – 999) numbers that connect to stories  Ideally this should be self-contained within asterisk – numbers assigned should be based on exchanges on the map or names and thus on the narrative | asterisk | 1          2          3          4          5          6          7          8          9          0          ABC    DEF     GHI     JKL      MN     PRS     TUV    WXY     O |
| passerby | Pir detects human activity – sends impulse to midi boutique - midi boutique sends midi signal to ringmido.py that sends command to ringbash.sh to ring telephone | ringmido.py -> ringbash.sh |  |
| operator | dial zero or pick up when the phone rings and a set of instructions are provided to the user | asterisk |  |
| mat | Mat in kiosk sends impulse to midi boutique – midi boutique sends midi signal to ringmido.py to modify timing of command to ringbash.sh also maintains a record of dwell time in dwell | ringmido.py -> ringbash.sh |  |
| dwell | a timer triggered by mat. Depending on dwell duration different sound events are triggered when user exits booth | ringmido.py -> Pd | Find another way to monitor dwell – try ultrasonic |
| dial | Analogue dial connects to converter to dtmf, connects to Asterisk dialplan to trigger speech interaction | asterisk) |  |
| speech\_ssml | ssml file passed to cerevoice to render speech | ssml -> asterisk -> tts\_callback |  |
| effect\_ssml | ssml marker passed to cereproc to trigger effect insert in speech event | ssml -> asterisk -> tts\_callback |  |
| pd\_ssml | ssml marker passed to Cereproc is then passed to Pd to trigger simultaneous sound\_event or dsp event directed to a range of up to 3 channels at a range of volumes | ssml -> asterisk -> tts\_callback -> pd |  |
| pd\_record\_ssml | marker passed to Cereproc is then passed to Pd to trigger simultaneous record event from booth mic | ssml -> asterisk -> tts\_callback > pd |  |
| pd\_sound\_event | audio play back directed to a range of up to 3 channels at a range of volumes | pd |  |
| pd\_dsp\_event | audio play back initiated by pd\_record\_marker transformed by DSP directed to a range of up to 3 channels at a range of volumes | pd |  |
| hook\_event | asterisk triggers on hook events and clean\_event | asterisk, miditopd, pd |  |
| clean\_event | stop audio in Pd | pd |  |
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