

Adjazenzmatrix

|                  | new | HasTapeOff | NoTapeOff | HasTapeOn | NoTapeOn | Stop | WindForward | WindBackwards | PlayBackfast | PlayBackReserve | PlayBack | Pause | Record | RecordAuto | PauseRecord | PauseRecordAuto |
|------------------|-----|------------|-----------|-----------|----------|------|-------------|---------------|--------------|-----------------|----------|-------|--------|------------|-------------|-----------------|
| new              | 0   | 1          | 1         | 1         | 1        | 0    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| HasTapeOff       |     | 0          | 1         | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| NoTapeOff        |     |            | 0         | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| HasTapeOn        |     |            |           | 0         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| NoTapeOn         |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Stop             |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| WindForward      |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| WindBackwards    |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBackfast     |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBackReserved |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBack         |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Pause            |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Record           |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| RecordAuto       |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PauseRecord      |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PauseRecordAuto  |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |

Gewichtsmatrix

|                  | new | HasTapeOff | NoTapeOff | HasTapeOn | NoTapeOn | Stop | WindForward | WindBackwards | PlayBackfast | PlayBackReserve | PlayBack | Pause | Record | RecordAuto | PauseRecord | PauseRecordAuto |
|------------------|-----|------------|-----------|-----------|----------|------|-------------|---------------|--------------|-----------------|----------|-------|--------|------------|-------------|-----------------|
| new              | 0   | 1          | 1         | 1         | 1        | 0    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| HasTapeOff       |     | 0          | 1         | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| NoTapeOff        |     |            | 0         | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| HasTapeOn        |     |            |           | 0         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| NoTapeOn         |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Stop             |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| WindForward      |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| WindBackwards    |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBackfast     |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBackReserved |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PlayBack         |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Pause            |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| Record           |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| RecordAuto       |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PauseRecord      |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |
| PauseRecordAuto  |     |            |           | 1         | 1        | 1    | 1           | 1             | 1            | 1               | 1        | 1     | 1      | 1          | 1           | 1               |

Dijkstra von new aus:

| Iteration i | S{}                                 | V-aktuell        | Distance to: | HasTapeOff | NoTapeOff | HasTapeOn | NoTapeOn | Stop | WindForward | WindBackwards | PlayBackfast | PlayBackReserve | PlayBack | Pause | Record | RecordAuto | PauseRecord | PauseRecordAuto |
|-------------|-------------------------------------|------------------|--------------|------------|-----------|-----------|----------|------|-------------|---------------|--------------|-----------------|----------|-------|--------|------------|-------------|-----------------|
| 0           | new                                 | -                |              | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 1           | {new, HasTapeOff}                   | HasTapeOff       | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 2           | {new, HasTapeOff, NoTapeOff}        | NoTapeOff        | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 3           | {new, HasTapeOff, HasTapeOn}        | HasTapeOn        | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 4           | {new, HasTapeOff, NoTapeOn}         | NoTapeOn         | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 5           | {new, HasTapeOff, Stop}             | Stop             | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 6           | {new, HasTapeOff, Windforward}      | Windforward      | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 7           | {new, HasTapeOff, Windbackward}     | Windbackward     | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 8           | {new, HasTapeOff, Playback}         | Playback         | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 9           | {new, HasTapeOff, Record}           | Record           | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 10          | {new, HasTapeOff, Playbackfast}     | Playbackfast     | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 11          | {new, HasTapeOff, Playbackreserved} | Playbackreserved | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 12          | {new, HasTapeOff, Pause}            | Pause            | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 13          | {new, HasTapeOff, RecordAuto}       | RecordAuto       | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 14          | {new, HasTapeOff, PauseRecord}      | PauseRecord      | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |
| 15          | {new, HasTapeOff, PauseRecordAuto}  | PauseRecordAuto  | 0            | 0          | 0         | 0         | 0        | 0    | 0           | 0             | 0            | 0               | 0        | 0     | 0      | 0          | 0           | 0               |



