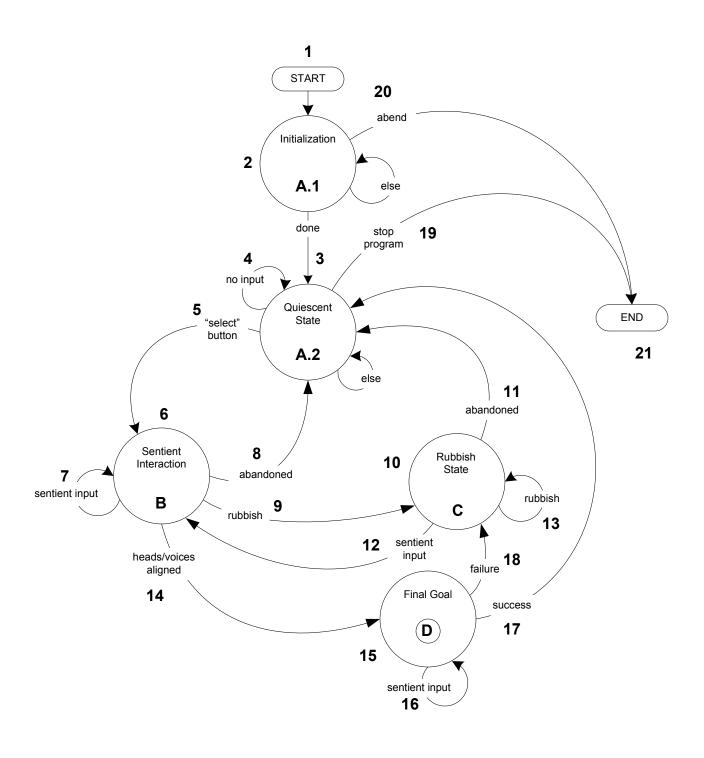
High-Level Main

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]

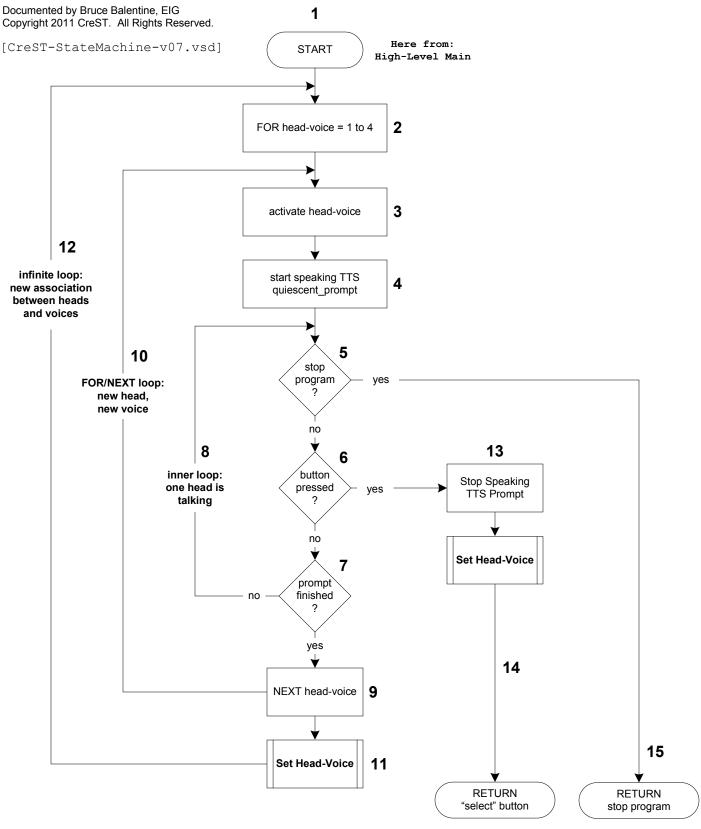


First Draft:

This Draft:

27 October, 2011

A.2 Quiescent State



27 October, 2011

1 December, 2011

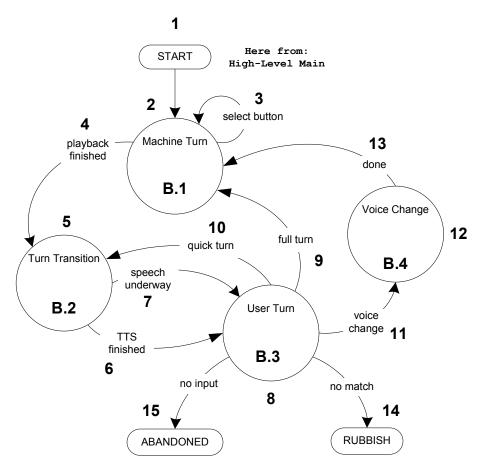
First Draft:

This Draft:

B. Sentient Interaction

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]



return to: High-Level Main

First Draft:

This Draft:

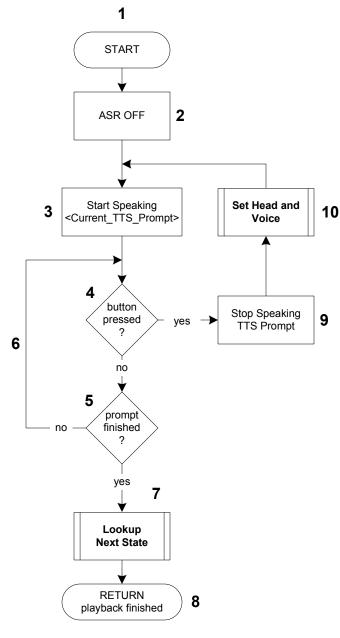
27 October, 2011

B.1 Machine Turn

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]

Here from:
B. Sentient Interaction



Return to:
B. Sentient Interaction

First Draft:

This Draft:

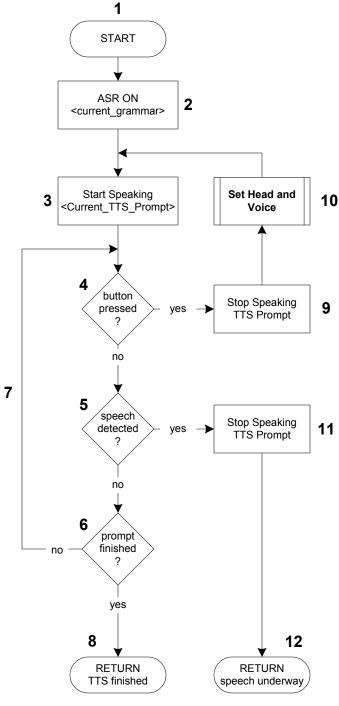
27 October, 2011

B.2 Turn Transition

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]

Here from:
B. Sentient Interaction



Return to:
B. Sentient Interaction

First Draft:

This Draft:

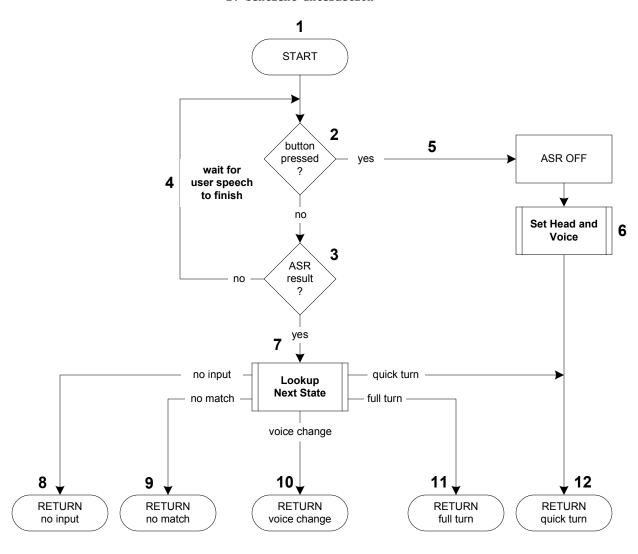
27 October, 2011

B.3 User Turn

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]

Here from:
B. Sentient Interaction



Return to:
B. Sentient Interaction

First Draft:

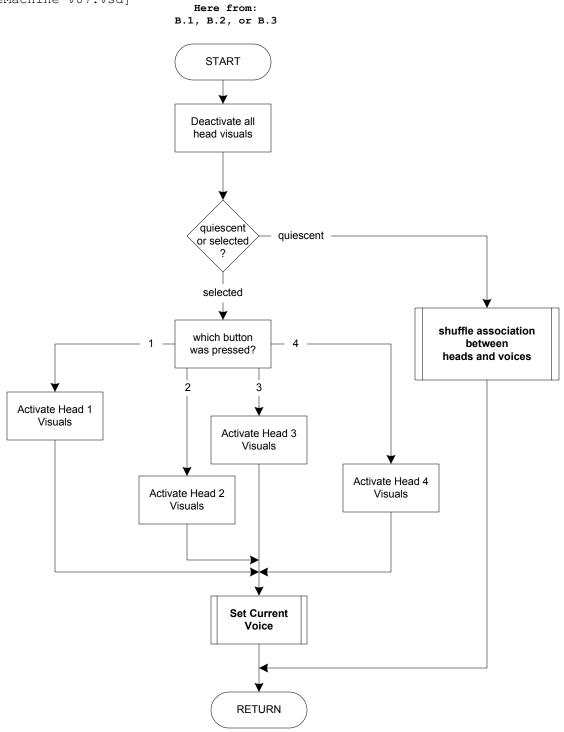
This Draft:

27 October, 2011

Set Head-Voice

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]



First Draft:

This Draft:

27 October, 2011

1 December, 2011

Return to calling routine: B.1, B.2, or B.3

Lookup Next State Documented by Bruce Balentine, EIG START Copyright 2011 CreST. All Rights Reserved. [CreST-StateMachine-v07.vsd] State Table 2 <current_index> current state start yes no current confident state B.1 no recognition yes yes 10 **ASR** Lookup 8 error condition Recognized Tag 5 9 timeout with no voice speech detected change no 11 else SET PARAMETERS next_turn yes current_index /* from next index */ current_grammar current_TTS_prompt voice_parameters 6 quick turn 13 16 full **RETURN RETURN** no input quick turn 12 14 15 RETURN **RETURN RETURN** no match voice change full turn

Return to: B. Sentient Interaction

First Draft:

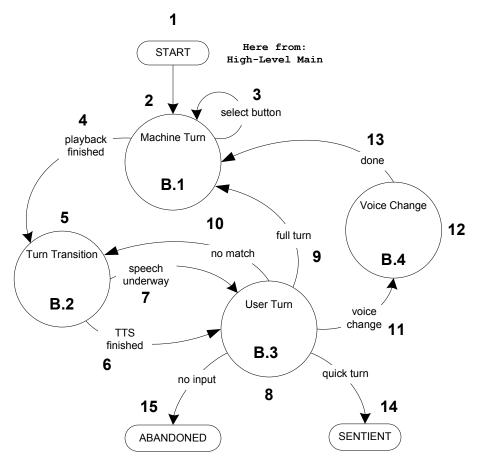
This Draft:

27 October, 2011

C. Rubbish

Documented by Bruce Balentine, EIG Copyright 2011 CreST. All Rights Reserved.

[CreST-StateMachine-v07.vsd]



return to: High-Level Main

First Draft:

This Draft:

27 October, 2011