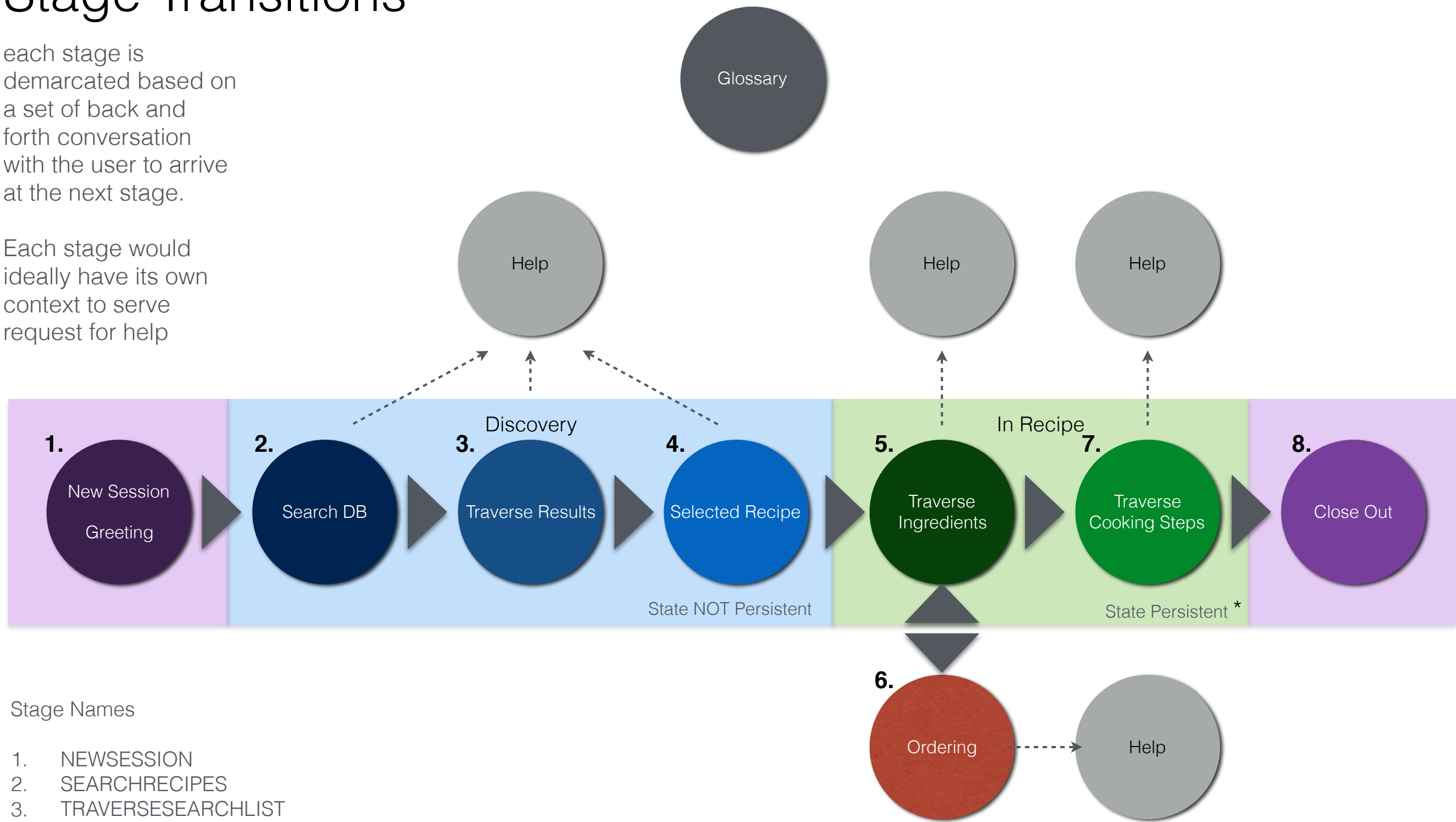# Pepper

Conversation Flow Diagrams

Stage Transitions

each stage is demarcated based on a set of back and forth conversation with the user to arrive at the next stage.

Each stage would ideally have its own context to serve request for help

Glossary

Help

Help

Help

Discovery

In Recipe

1.
New Session
Greeting

2.
Search DB

3.
Traverse Results

4.
Selected Recipe

5.
Traverse Ingredients

7.
Traverse Cooking Steps

8.
Close Out

State NOT Persistent

State Persistent *

6.
Ordering

Help

Stage Names

1. NEWSESSION
2. SEARCHRECIPES
3. TRAVERSESEARCHLIST
4. RECIPESELECTED
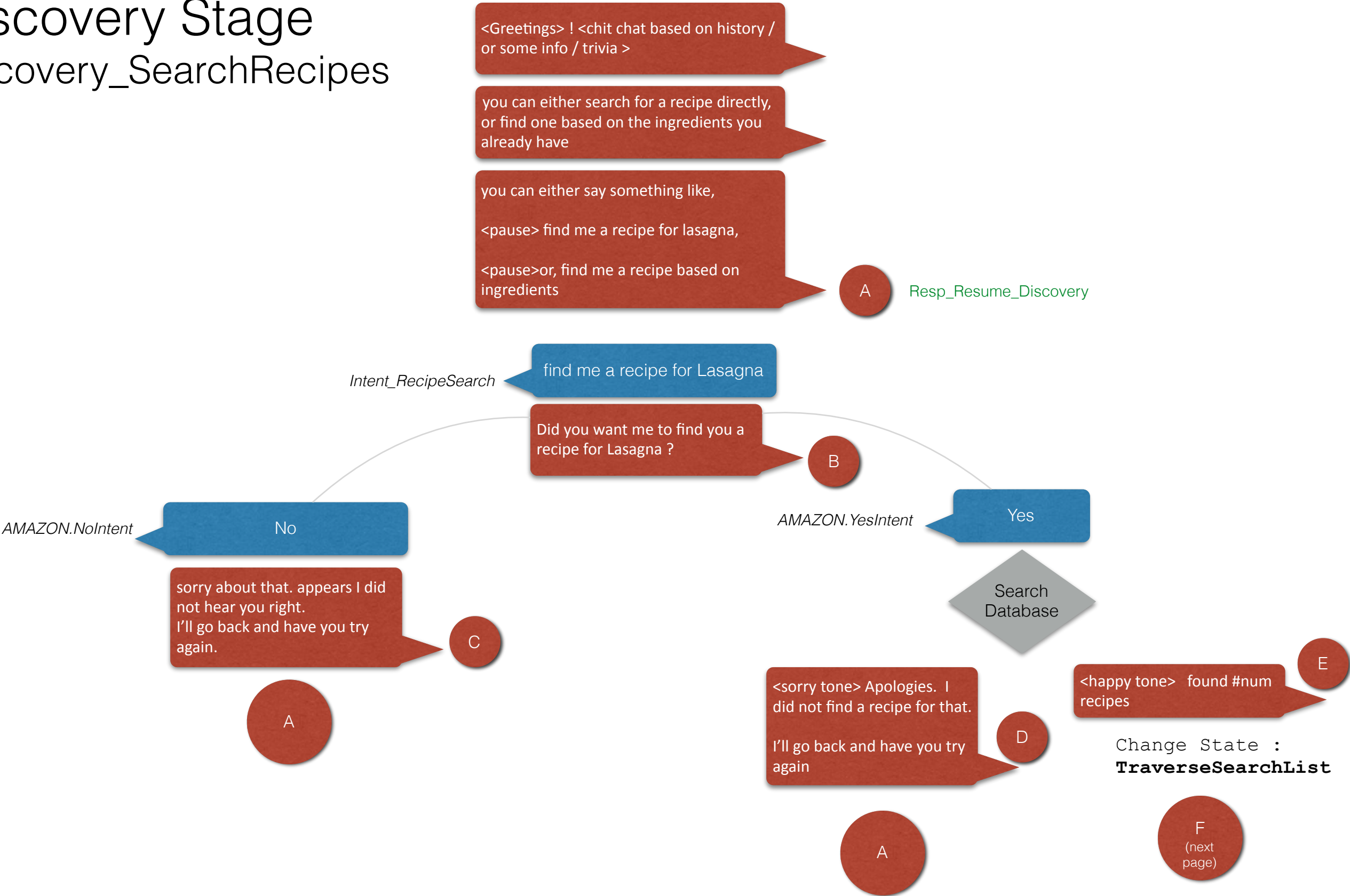5. INGREDIENTS
6. ORDERING
7. COOKING
8. CLOSEOUT
9. GLOSSARY

* state persistence affords the ability to resume activity in between Alexa session

Discovery Stage
Discovery_SearchRecipes

XXXX

<Greetings> ! <chit chat based on history / or some info / trivia >

you can either search for a recipe directly, or find one based on the ingredients you already have

you can either say something like,

<pause> find me a recipe for lasagna,

<pause>or, find me a recipe based on ingredients

A Resp_Resume_Discovery

Intent_RecipeSearch find me a recipe for Lasagna

Did you want me to find you a recipe for Lasagna ? **B**

AMAZON.NoIntent No

AMAZON.YesIntent Yes

Search Database

sorry about that. appears I did not hear you right.
I'll go back and have you try again. **C**

A

<sorry tone> Apologies. I did not find a recipe for that.

I'll go back and have you try again **D**

<happy tone> found #num recipes **E**

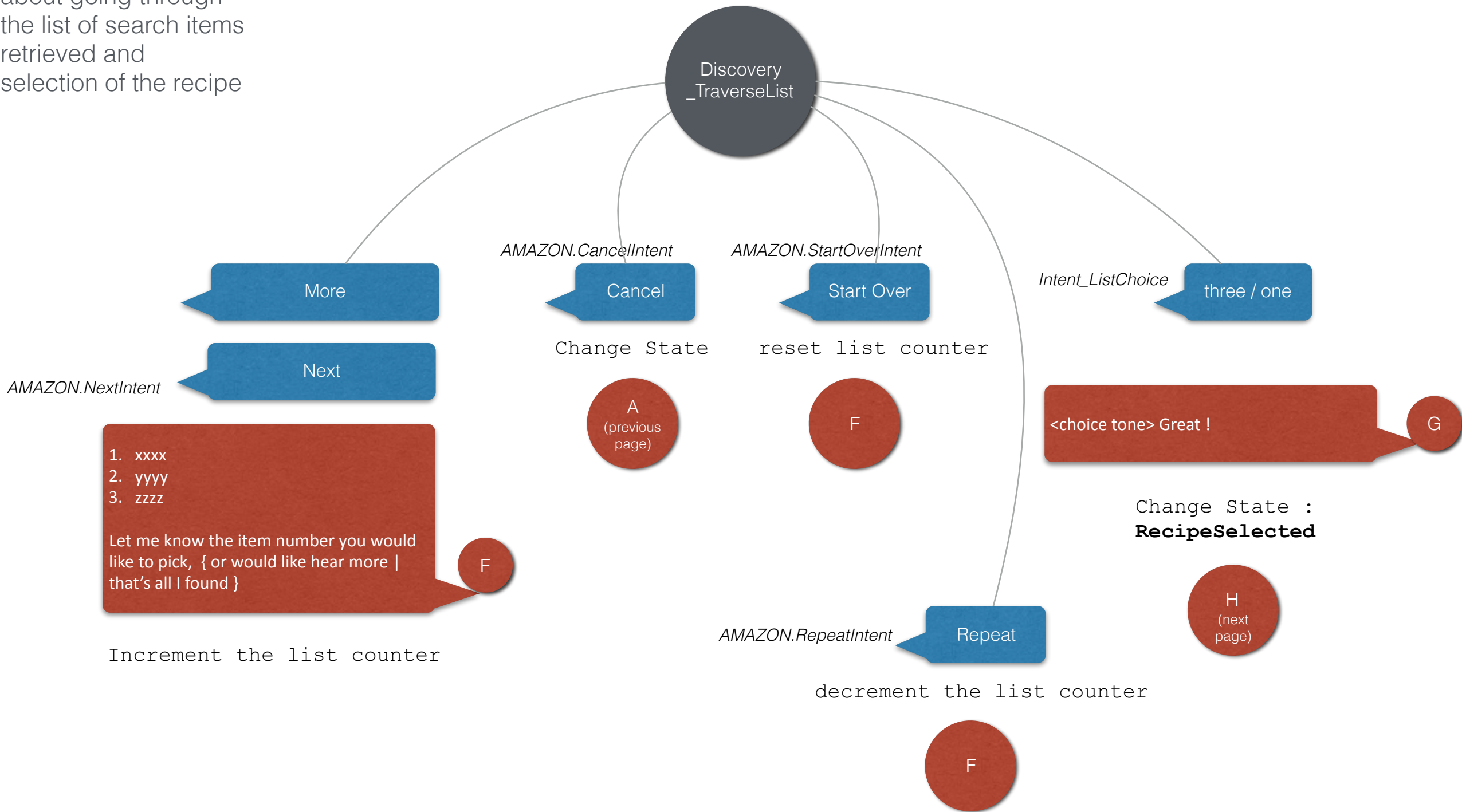Change State :
TraverseSearchList

A

F
(next page)

Discovery Stage
Discovery_TraverseSearchList

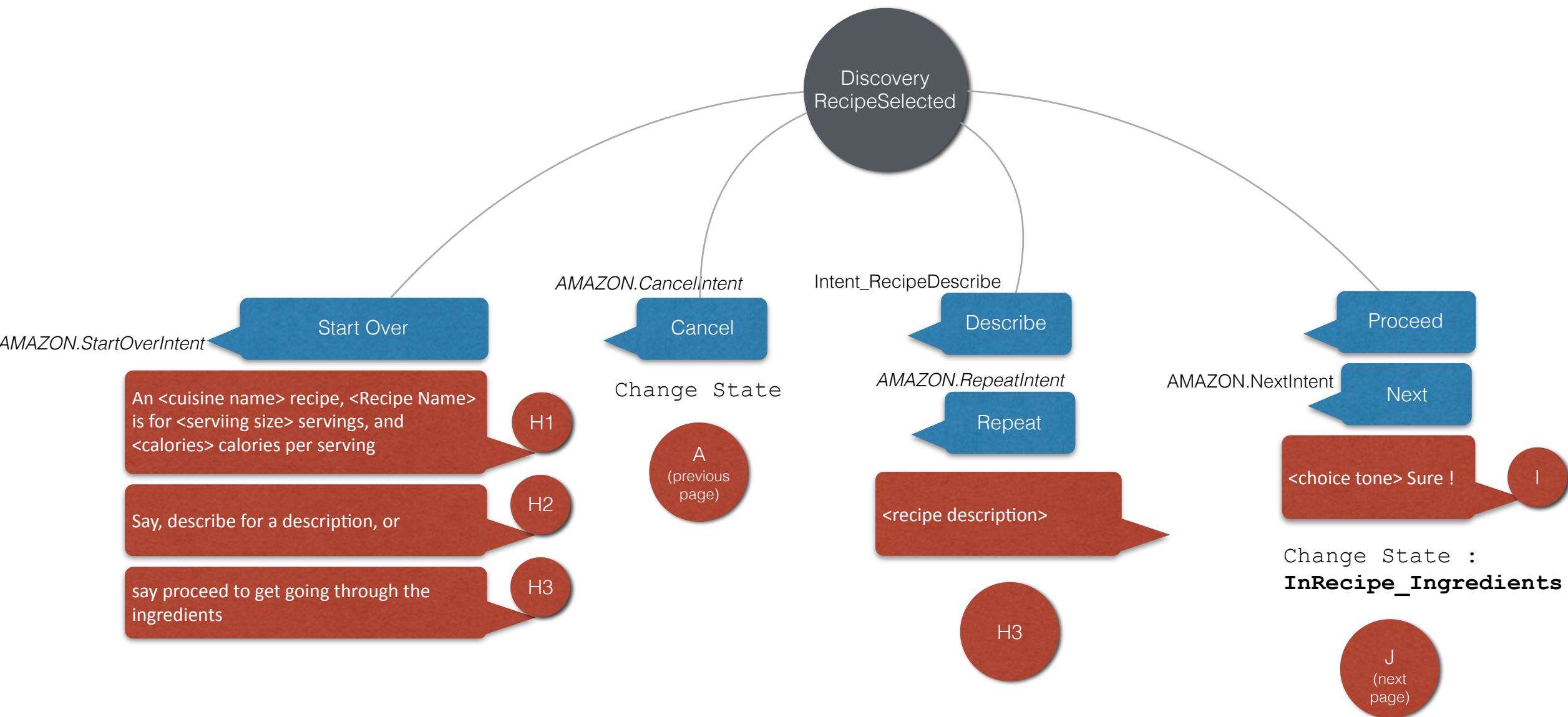this conversation is
about going through
the list of search items
retrieved and
selection of the recipe

Discovery
_TraverseList

AMAZON.CancelIntent

AMAZON.StartOverIntent

Intent_ListChoice

More

Cancel

Start Over

three / one

Next

AMAZON.NextIntent

Change State

reset list counter

A
(previous
page)

F

1. xxxx
2. yyyy
3. zzzz

Let me know the item number you would
like to pick, { or would like hear more |
that's all I found }

F

<choice tone> Great !

G

Change State :
RecipeSelected

H
(next
page)

Increment the list counter

AMAZON.RepeatIntent

Repeat

decrement the list counter

F

Discovery Stage
Discovery_RecipeSelected

this

Discovery RecipeSelected

AMAZON.StartOverIntent

Start Over

An <cuisine name> recipe, <Recipe Name> is for <serviing size> servings, and <calories> calories per serving — H1

Say, describe for a description, or — H2

say proceed to get going through the ingredients — H3

AMAZON.CancelIntent

Cancel

Change State

A
(previous page)

Intent_RecipeDescribe

Describe

AMAZON.RepeatIntent

Repeat

<recipe description>

H3

AMAZON.NextIntent

Proceed

Next

<choice tone> Sure ! — I

Change State :
InRecipe_Ingredients

J
(next page)

Glossary Lookup
GLOSSARY

Glossary can be looked up from any other state

The user is asked to confirm if the term is what was intended.

if not, user is prompted to repeat the lookup term

if yes, the term definition is stated, and the flow gets back to the state it was in before glossary was invoked.

A 'cancel' will also return the user to the original state

Glossary

Intent_GlossaryLookup

AMAZON.CancelIntent

New Session

What is <term>

Cancel

Help

un'handled

goto previous state

ask with previous state's prompt

Did you want me to look for <term>

goto previous state

ask with previous state's prompt

Ask for the term you're looking up,

K

did not get that .

<Help stmt>

Yes

No

K

Search Database

sorry about that. appears I did not hear you right. I'll go back and have you try again.

<glossary description>

I\'m not sure I know the answer to that.

goto previous state

ask with previous state's prompt

K

K