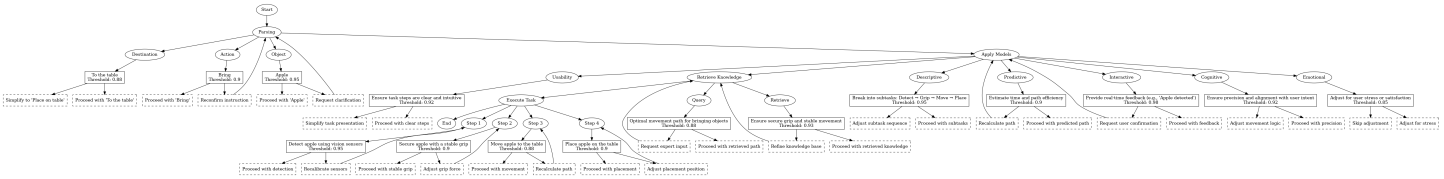
Task: Bring the Apple to the Table

Process Flowchart:



Detailed Explanation of Steps

1. **Parsing**:
   - **Action**: 'Bring' (Threshold: 0.9)
     - Outcome: Proceed with 'Bring' or reconfirm instruction if confidence is low.
   - **Object**: 'Apple' (Threshold: 0.95)
     - Outcome: Proceed with 'Apple' or request clarification if detection fails.
   - **Destination**: 'To the table' (Threshold: 0.88)
     - Outcome: Proceed with 'To the table' or simplify to 'Place on table'.

2. **Apply Models**:
   - **Descriptive**: Break the task into subtasks: Detect -> Grip -> Move -> Place.

- **Predictive**: Estimate the time and optimal path for moving the apple.
- **Cognitive**: Align the task execution with user expectations.
- **Interactive**: Provide real-time updates like "Apple detected".
- **Emotional**: Adjust for user stress or satisfaction during the process.
- **Usability**: Ensure steps are clear and intuitive for the user.

3. **Retrieve Knowledge**:
   - Query relevant paths and grip strategies for safely moving objects.
   - Retrieve stable grip and movement techniques.

4. **Execution Steps**:
   - **Step 1**: Detect the apple using vision sensors (Threshold: 0.95).
     - Outcome: Recalibrate sensors if detection fails.
   - **Step 2**: Secure the apple with a stable grip (Threshold: 0.9).
     - Outcome: Adjust grip force if necessary.
   - **Step 3**: Move the apple to the table (Threshold: 0.88).
     - Outcome: Recalculate the path if movement is obstructed.
   - **Step 4**: Place the apple on the table (Threshold: 0.9).
     - Outcome: Adjust the placement position if necessary.