

BroadAI MAS Framework

to develop applications enhanced by AI capabilities

Question: Find fast food joints around Columbus airport

































































































































































































































































































































































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Conversation history for stateful application use-cases

```
plan: {
   status: 'complete',
   plan: [
        sequence: 0,
       objective: 'Search for fast food joints around Columbus airport',
       agent: 'Researcher',
        skill: {
         name: 'findBusinesses',
         parameters: { term: 'fast food', location: 'CMH' }
       },
        result: "Raising Cane's Chicken Fingers (3.4 stars) | 1320 N Hamilton Rd Gahanna, OH
43230 Ph: (614) 475-1300[alias: raising-canes-chicken-fingers-gahanna]\n" +
          'Chick-fil-A (3.2 stars) | 3940 Morse Rd Columbus, OH 43219 Ph: (614) 414-7222[alias:
chick-fil-a-columbus-227\n' +
          'Chick-fil-A (3.3 stars) | 6240 E Broad St Columbus, OH 43213 Ph: (614)
861-2300[alias: chick-fil-a-columbus-5]\n' +
          'MrBeast Burger (3.3 stars) | Columbus, OH 43219 Ph: (877) 232-7898[alias: mrbeast-
burger-columbus-47\n' +
          'Sonic Drive-In (1.9 stars) | 2846 Stelzer Rd Columbus, OH 43219 Ph: (614)
532-5738[alias: sonic-drive-in-columbus-17]\n' +
          'The Mad Greek (4.2 stars) | 4210 E Broad St Columbus, OH 43213 Ph: (614)
338-0000[alias: the-mad-greek-columbus]'
   reason: "The plan involves using the Researcher agent to find fast food joints around
Columbus airport, fulfilling the user request. Updated the location parameter to the IATA code
'CMH' for Columbus airport to ensure accurate search results."
 },
```

```
response: {
    status: 'complete',
    response: [
      { html_tag: 'h2', text: 'Fast Food Joints Around Columbus Airport' },
      { html_tag: 'p', text: 'Based on the search results, here are some fast
food joints around Columbus airport:' },
      { html_tag: 'h3', text: "1. Raising Cane's Chicken Fingers (3.4
stars)" },
      { html_tag: 'p', text: 'Location: 1320 N Hamilton Rd Gahanna, OH
43230'},
      { html_tag: 'p', text: 'Phone: (614) 475-1300' },
      { html_tag: 'h3', text: '2. Chick-fil-A (3.2 stars)' },
      { html_tag: 'p', text: 'Location: 3940 Morse Rd Columbus, OH 43219' },
      { html_tag: 'p', text: 'Phone: (614) 414-7222' },
      { html_tag: 'h3', text: '3. The Mad Greek (4.2 stars)' },
      { html_tag: 'p', text: 'Location: 4210 E Broad St Columbus, OH 43213' },
      { html_tag: 'p', text: 'Phone: (614) 338-0000' }
    reason: 'The response utilizes the provided plan results to list the fast
food joints around Columbus airport.',
    conversation: [
      '> Q: Find fast food joints around Columbus airport',
      '> A: \n' +
        '## Fast Food Joints Around Columbus Airport: \n' +
        'Based on the search results, here are some fast food joints around
Columbus airport: \n' +
        "### 1. Raising Cane's Chicken Fingers (3.4 stars): \n" +
        'Location: 1320 N Hamilton Rd Gahanna, OH 43230 Phone: (614) 475-1300
n' +
        '### 2. Chick-fil-A (3.2 stars): \n' +
        'Location: 3940 Morse Rd Columbus, OH 43219 Phone: (614) 414-7222 \n'
        '### 3. The Mad Greek (4.2 stars): \n' +
        'Location: 4210 E Broad St Columbus, OH 43213 Phone: (614) 338-0000 '
```

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Question: Find fast food joints around Columbus airport

```
Terminal
                         Plan ...
  plan: -
                                      ... with agents and skills
    status: 'complete',
    plan: [
        sequence: 0,
        objective: 'Search for fast foor joints around Columbus airport',
        agent: 'Researcher',
        skill: {
          name: 'findBusinesses',
          parameters: { term: 'fast food', location: 'CMH' }
        result: "Raising Cane's Chicken Fingers (3.4 stars) | 1320 N Hamilton Rd Gahanna, OH
43230 Ph: (614) 475-1300[alias: raising-canes-chicken-fingers-gahanna]\n" +
          'Chick-fil-A (3.2 stars) | 3940 Morse Rd Columbus, OH 43219 Ph: (614) 414-7222[alias:
chick-fil-a-columbus-22]\n' +
          'Chick-fil-A (3.3 stars) | 6240 E Broad St Columbus, OH 43213 Ph: (614)
861-2300[alias: chick-fil-a-columbus-5]\n' +
          'MrBeast Burger (3.3 stars) | Columbus, OH 43219 Ph: (877) 232-7898[alias: mrbeast-
burger-columbus-47\n' +
          'Sonic Drive-In (1.9 stars) | 2846 Stelzer Rd Columbus, OH 43219 Ph: (614)
532-5738[alias: sonic-drive-in-columbus-17]\n' +
          'The Mad Greek (4.2 stars) | 4210 E Broad St Columbus, OH 43213 Ph: (614)
338-0000[alias: the-mad-greek-columbus]'
    reason: "The plan involves using the Researcher agent to find fast food joints around
Columbus airport, fulfilling the user request. Updated the location parameter to the IATA code
 'CMH' for olumbus airport to ensure accurate search results."
```

Explainability

```
Response ...
Terminal
response: {
                                 ... with formatting tags and response
    status: 'complete',
    response: [
      { html_tag: 'p', text: 'P _cu or _ne search results, here are some fast
food joints around Columbus airpor'. },
      { html_tag: 'h3', text: "1. Raising Cane's Chicken Fingers (3.4)
stars)" },
      { html_tag: 'p', text: 'Location: 1320 N Hamilton Rd Gahanna, OH
43230'},
      { html_tag: 'p', text: 'Phone: (614) 475-1300' },
      { html_tag: 'h3', text: '2. Chick-fil-A (3.2 stars)' },
      { h+ml +aa: 'p', text: 'Location: 3940 Morse Rd Columbus, OH 43219' },
                  p', text: 'Phone: (614) 414-7222' },
Explainability
                  h3', text: '3. The Mad Greek (4.2 stars)' },
         tmi_tag: 'p', text: 'Location: 4210 E Broad St Columbus, OH 43213' },
       { | tml_tag: 'p', text: 'Phone: (614) 338-0000' }
    reason: 'The response utilizes the provided plan results to list the fast
food joints around Columbus airport.',
    conversation: [
      '> Q: Find fast food joints around Columbus airport',
      '> A: \n' +
        '## Fast Food
                                                    st food joints around
        'Based on
                  Conversation history for stateful
Columbus airport:
        "### 1. Rc
                       application use-cases
                                                    ars): \n" +
        'Location:
                                                   0 Phone: (614) 475-1300
n' +
        '### 2. Chick-fil-A (3.2 stars): \n' +
        'Location: 3940 Morse Rd Columbus, OH 43219 Phone: (614) 414-7222 \n'
        '### 3. The Mad Greek (4.2 stars): \n' +
        'Location: 4210 E Broad St Columbus, OH 43213 Phone: (614) 338-0000 '
```