To develop and publish BroadAI Agents

BroadAI Agentic Framework

Editor

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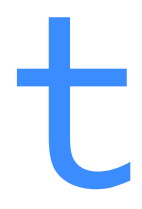

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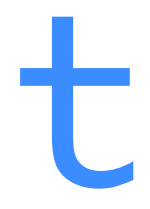

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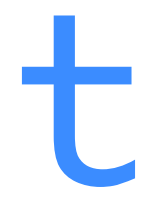

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Create a module with `register` method and `agent` property

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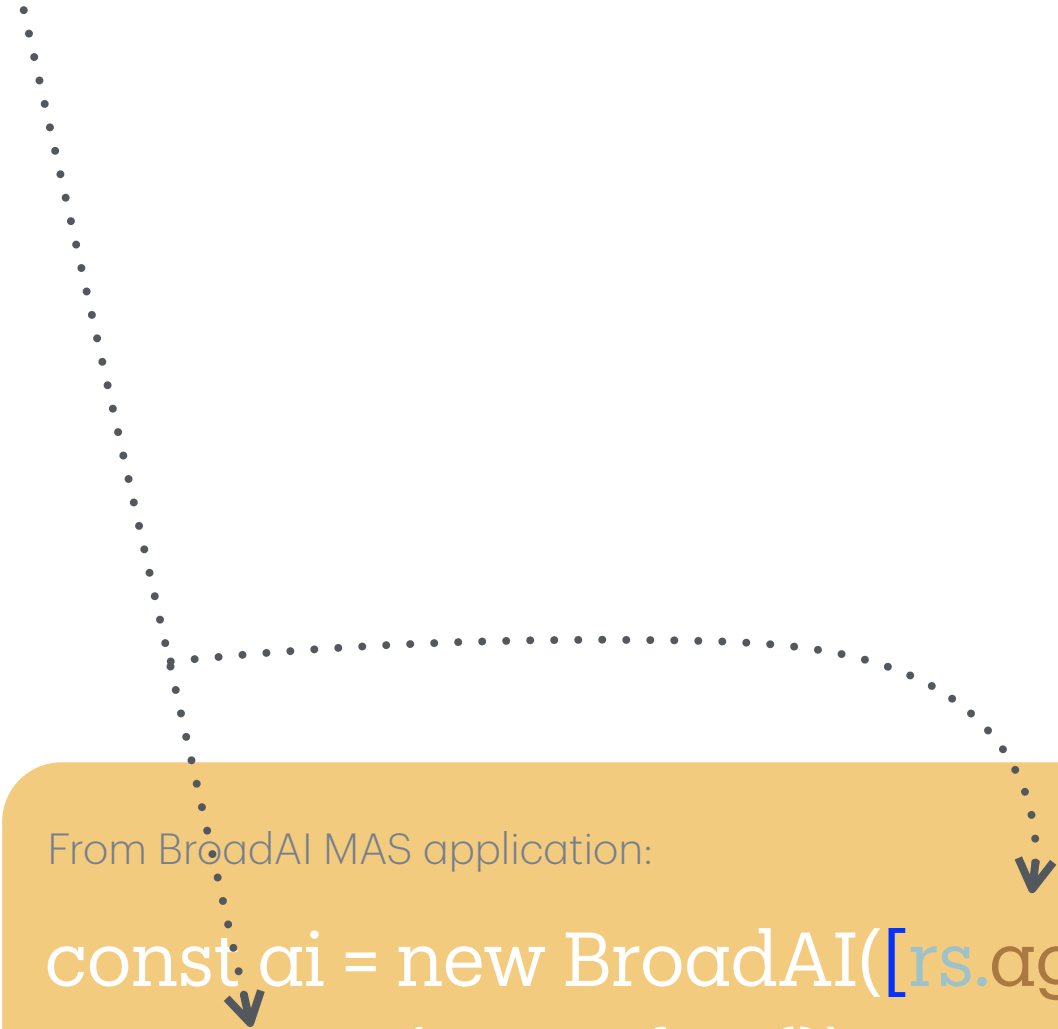

From BroadAI MAS application:

```
const ai = new BroadAI([rs.agent], { });
rs.register(ai.config, {});
```

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Define the `agent` which includes it's `skills` and `actions` associated with those skills

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```
const Agentic = require('broadai/agentic');
let agentic;
let config;
module.exports = {

  // - register()
  register: (broadAIConfig, agentConfig)=>{
    agentic = new Agentic(broadAIConfig);
    config = agentConfig;
  },

  // - agent
  agent:{

  }
};
```

BroadAI Agentic Framework

To develop and publish BroadAI Agents

4 Create a module with **register** method and **agent** property

Editor

```
const Agentic = require('broadai/agentic');
let agentic;
let config;
module.exports = {

  // - register()
  register: (broadAIConfig, agentConfig)=>{
    agentic = new Agentic(broadAIConfig);
    config = agentConfig;
  },

  // - agent
  agent:{

  }
};
```

5 Define the **agent** which includes it's **skills** and **actions** associated with those skills

Editor

```
...
    // - agent
    agent:{
        // name your agent to the likes of a persona, e.g. StockBroker, Analyst,
        Linguist, etc.
        "agent-name": "--??--",
        // describe what kind of overall capabilities this agent will provide.
        Better description will help BroadAI MAS utilize it at the right place.
        "capability": "--??--",
         // list of all the skills this agent possesses.
        "skills": [
          {
            // name the skill, e.g. translateText, composeEmail, etc.
            "skill-name": "skillName",
            // describe what the skill will help achieve.
            "objective": "--??--",
            // MANDATORY: Must match the skill-name
            "action": skillName,
            // parameters the action needs to execute
            "parameters": {
              // MANDATORY: Must match param used in the function later
              "param": "--data-type-- | --description--"
              // RECOMMENDATION: 'param' value must describe the data-type
    expected followed by brief description and possibly an example. Better
    description and examples will help BroadAI MAS determine appropriate parameter
    values so that the function can execute completely.
            }
          },
          /* add additional skills using the same structure above */
        ]
    }
...
```

BroadAI Agentic Framework

To develop and publish BroadAI Agents

Editor

```
...
    // - agent
    agent:{
        // name your agent to the likes of a persona, e.g. StockBroker,
        Analyst, Linguist, etc.
        "agent-name": "--??--",
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        provide. Better description will help BroadAI MAS utilize it at the
        right place.
        "capability": "--??--",
         // list of all the skills this agent possesses.
        "skills": [
          {
            // name the skill like a function, e.g. translateText,
    composeEmail, etc.
            "skill-name": "skillName",
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    description will help BroadAI MAS utilize it at the right place.
            "objective": "--??--",
            // MANDATORY: Must match the skill-name
            "action": skillName,
            // parameters the action needs to execute
            "parameters": {
              // MANDATORY: Parameter name used in the function definition
    above
              "param": "--data-type-- | --description and possibly an
    example--"
              // RECOMMENDATION: 'param' value must describe the data-type
    expected followed by brief description and possibly an example. Better
    description and examples will help BroadAI MAS determine appropriate
    parameter values so that the action can execute completely.
            }
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          /* add additional skills using the same structure above */
        ]
    }
...
```