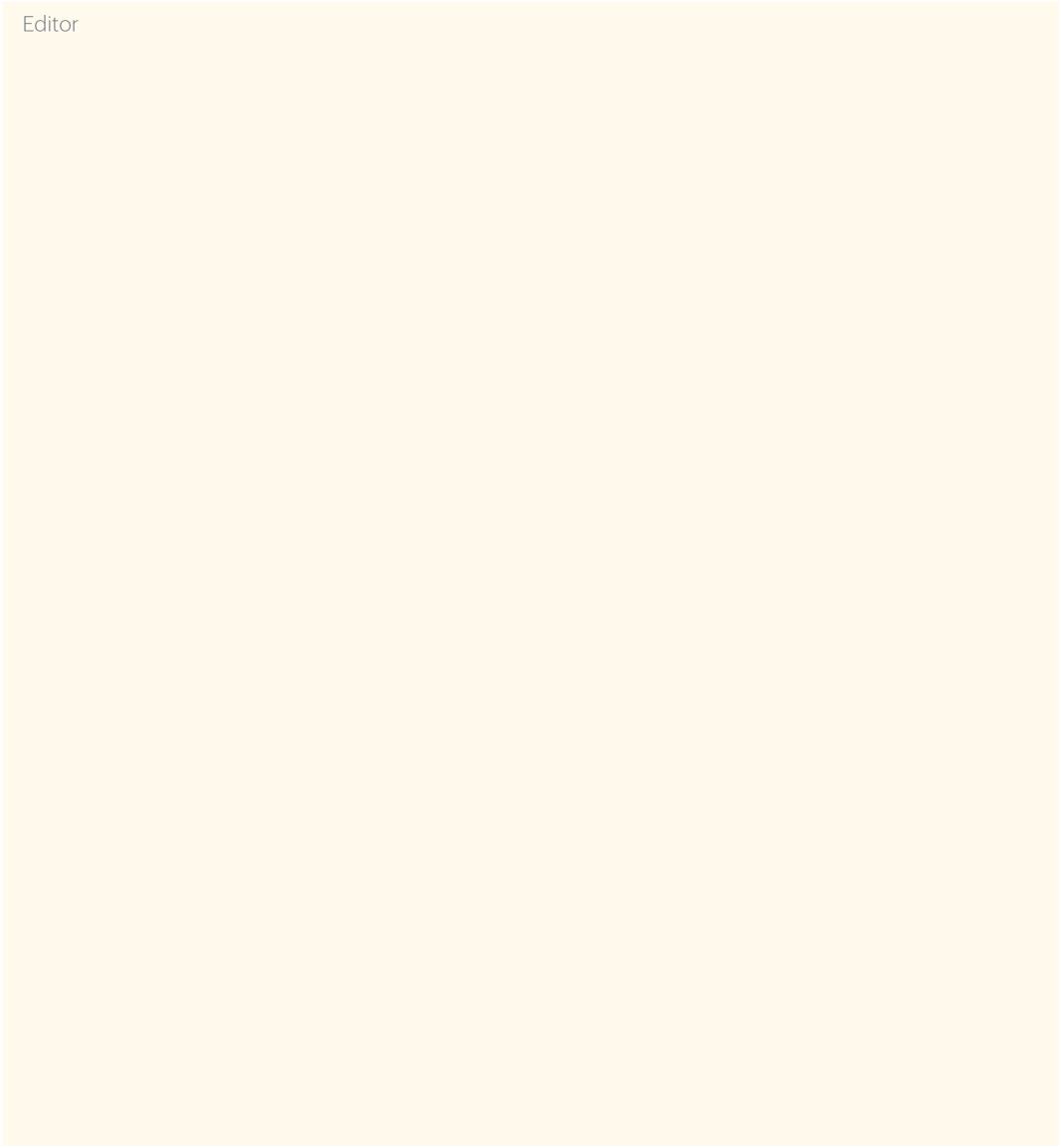


To develop and publish BroadAI Agents

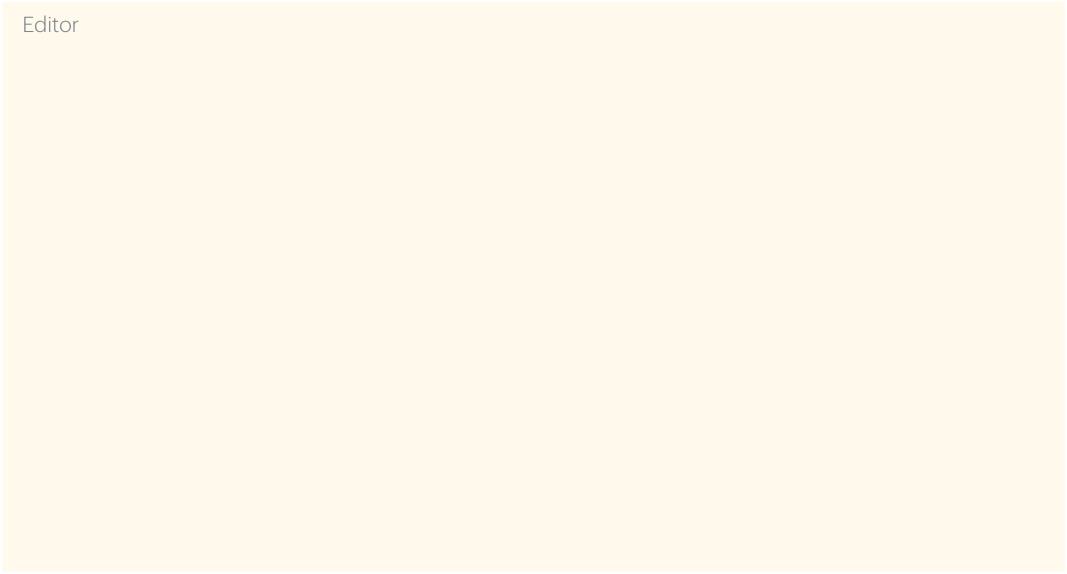
BroadAI Agentic Framework



```
// - 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 like a function, e.g. translateText,
composeEmail, etc.
        "skill-name": "skillName",
        // describe what the skill will help achieve. Better
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.
        }
      },
      /* add additional skills using the same structure above */
```

Define the action, which is essentially a NodeJS function















































































































































































































































































































































































































































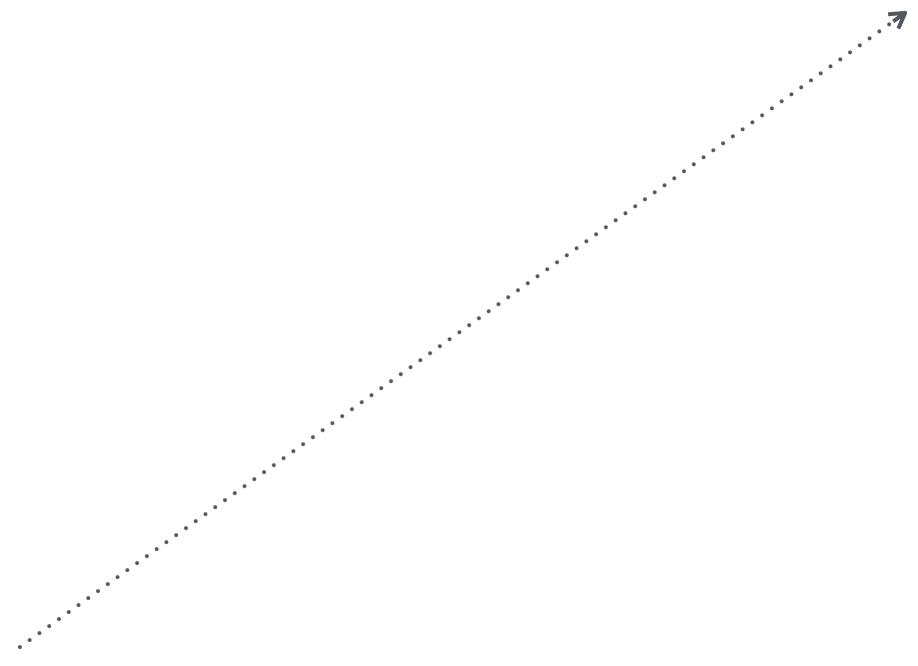












- Export as **npm package** and: • use it as a **private agent**, or send it to BroadAI to publish as a public agent so that
- developers can plug-and-play it into their applications



```
const skillName = (param) => {
 // RECOMMENDATION: returns Promise
  return new Promise((resolve, reject) => {
   // ... You may use Agentic accelerator methods
   // ... > to call external API resource, or
    // ... > to call LLM using BroadAI's configuration
    // ... depending on your use case.
   // ... Alternatively, you are free to
   // ... write the entire logic on your own.
   resolve();
 });
```

BroadAI Agentic Framework

To develop and publish BroadAl Agents

```
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 like a function, e.g. translateText,
    composeEmail, etc.
            "skill-name": "skillName",
            // describe what the skill will help achieve. Better
    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.
          /* add additional skills using the same structure above */
```

6 Define the action, which is essentially a NodeJS function

```
const skillName = (param) => {

   // RECOMMENDATION: returns Promise
   return new Promise((resolve, reject) => {

      // ... You may use Agentic accelerator methods
      // ... > to call external API resource, or
      // ... > to call LLM using BroadAI's configuration
      // ... depending on your use case.
      // ... Alternatively, you are free to
      // ... write the entire logic on your own.

   resolve();
   });
};
```

- 7 Export as **npm package** and:
 - use it as a private agent, or
 - send it to BroadAI to publish as a **public agent** so that developers can plug-and-play it into their applications