```json
{
  "cognitive_node": {
    "id": "cognition-module()creation",
    "system": "meta-cognition",
    "module": "cognition-modules",
    "role": "process",
    "manifesto": "This cognition-module is responsible for handling the creation of new cognitive modules. It acts as a meta-layer that orchestrates the generation of cognitive memories per file, their assembly into nodes, and the construction of the interaction graph. In essence, it provides the rules of operation for creating modules such as http-communication, api-gateway, or nestjs-current-understanding.",
    "inputs": {
      "di_injections": [],
      "imports": [],
      "schema_types": [],
      "config_keys": []
    },
    "outputs": {
      "api_surface": [
        "Create cognitive memory from PATH + CODE",
        "Assemble nodes into graph structures",
        "Declare manifesto/rules for the module"
      ],
      "exported_symbols": ["cognition-module()creation"],
      "events_pubsub": []
    },
    "behavior": {
      "side_effects": [
        "Transforms raw code into cognitive memories",
        "Maintains structural consistency across modules"
      ],
      "error_model": [
        "Invalid PATH or CODE input produces incomplete memories",
        "Graph patch may fail if relationships are undefined"
      ]
    },
    "contracts": {
      "invariants": [
        "Each file must produce exactly one cognitive memory node",
        "All nodes must connect into a coherent graph",
        "Top-level module must contain a manifesto describing purpose and rules"
      ],
      "security": []
    },
    "why": {
      "associations": [
        "Serves as the foundation for meta-cognitive workflows",
        "Provides a repeatable mechanism for building structured cognitive modules"
```

      ],
      "biases": [
        "Focused only on creation, leaving update/modify to future modules"
      ],
      "context": "Acts as a toolkit/library for creating self-contained cognition-modules."
    },
    "tests": {
      "spec_files": [],
      "key_cases": [
        "Creation of a module from a single file",
        "Creation of a module from multiple files",
        "Validation of graph links between nodes"
      ]
    },
    "links_hint": [
      "cognitive-modules()api-gateway.pdf",
      "cognitive-modules()nestjs-current-understanding.pdf",
      "cognitive-modules()http-communication.pdf (future)"
    ]
  },
  "graph_patch": {
    "nodes": [
      { "id": "system:meta-cognition", "kind": "system" },
      { "id": "cognition-module()creation", "kind": "cognition-module" }
    ],
    "edges": [
      { "type": "BELONGS_TO", "from": "cognition-module()creation", "to":
"system:meta-cognition" }
    ]
  }
}