

runtime_governance_contract_v0_1.schema

```
{
  "$schema": "https://json-schema.org/draft/2020-12/schema",
  "title": "Runtime Governance Contract",
  "version": "0.1",
  "type": "object",
  "additionalProperties": false,
  "required": [
    "contract_version",
    "signal_id",
    "timestamp_utc",
    "source_system",
    "measurement_layer",
    "signal_type",
    "risk_level",
    "affected_context",
    "proposed_action",
    "authority_required",
    "accountable_role",
    "escalation_required",
    "intervention_state",
    "audit_record_required",
    "final_status",
    "limitations"
  ],
  "properties": {
    "contract_version": {
      "type": "string",
      "const": "0.1"
    },
    "signal_id": {
      "type": "string"
    },
    "timestamp_utc": {
      "type": "string",
      "format": "date-time"
    },
    "source_system": {
      "type": "string"
    },
    "measurement_layer": {
      "type": "string"
    },
    "signal_type": {
      "type": "string",
      "enum": [
        "stability",
        "validity",
        "risk",
        "semantic_instability",
        "decision_behaviour",
        "latency",
        "delta_g",
        "factual_risk_signal",
      ]
    }
  }
}
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    "other"
  ]
},
"risk_level": {
  "type": "string",
  "enum": [
    "low",
    "medium",
    "high",
    "critical"
  ]
},
"confidence": {
  "type": "string",
  "enum": [
    "low",
    "medium",
    "high",
    "not_applicable"
  ]
},
"affected_context": {
  "type": "string"
},
"proposed_action": {
  "type": "string"
},
"authority_required": {
  "type": "string"
},
"accountable_role": {
  "type": "string"
},
"escalation_required": {
  "type": "boolean"
},
"escalation_path": {
  "type": "array",
  "items": {
    "type": "string"
  }
},
"intervention_state": {
  "type": "string",
  "enum": [
    "permit",
    "log_only",
    "human_review",
    "hold",
    "escalate",
    "halt"
  ]
},
"permitted_actions": {
  "type": "array",
  "items": {
    "type": "string"
  }
}
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    }
  },
  "prohibited_actions": {
    "type": "array",
    "items": {
      "type": "string"
    }
  },
  "unresolved_dependencies": {
    "type": "array",
    "items": {
      "type": "string"
    }
  },
  "audit_record_required": {
    "type": "boolean"
  },
  "final_status": {
    "type": "string",
    "enum": [
      "pending",
      "permitted",
      "held",
      "escalated",
      "halted",
      "closed"
    ]
  },
  "limitations": {
    "type": "array",
    "items": {
      "type": "string"
    }
  }
}
```