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Modeling and Simulation Body of Knowledge (M&SBOK) - **Index**

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M&S: Infrastructure

The M&S infrastructure can be studied in three groups which are: standards, repositories, and M&S capabilities.

1. M&S Standards

Several M&S standards already exist.

2. M&S Repositories

M&S repositories include:

- Data bases for: constants, parameters, auxiliary parameters; data for model identification, model fitting

- Specifications of models: Model bases and model repositories, physical environments, synthetic environments, scenarios, experimental frames, studies

- Simulation components
  (reusable, extensible, and composable components and not *just program components*.)

3. M&S Capabilities

M&S capabilities include:

- Rapid, reconfigurable, and adaptive capability

- HLA, RTI, and beyond

- Composable frameworks