

Initialization

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graph TD; Init[Initialization] --> CLI[Command-Line Interface]; CLI --> XML[XML File Parser]; CLI --> SDP[Spatial Domain Plotter]; CLI --> PS[Problem Simulator]; XML --> SDP; XML --> PS;
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The diagram illustrates the system architecture. It begins with an 'Initialization' step, represented by a light blue box at the top. This leads to the 'Command-Line Interface' (a green box), which is the central hub for user interaction. From the CLI, the flow branches into three paths: a direct path to the 'Spatial Domain Plotter' (green box) on the bottom left, a direct path to the 'Problem Simulator' (green box) on the bottom right, and a path through the 'XML File Parser' (green box) in the center. The XML File Parser then directs the flow to both the Spatial Domain Plotter and the Problem Simulator, indicating its role in processing data for both visualization and simulation.

Command-Line
Interface

XML File
Parser

Spatial Domain
Plotter

Problem
Simulator