CubeSat System Reference Model (CSRM) Logical Architecture of a CubeSat Space - Ground system Repository for Systems Engineering Artifacts **Technical Measures Behaviors** Validation Verification Specifications Specifications Specifications **Stakeholders** Requirements **Architecture** Regulatory Agencies Enterprise Enterprise Sponsor Space Segment Space Segment Mission CubeSat CubeSat CubeSat Deployer **Ground Segment Ground Segment** Subsystems Subsystems Components Components

Figure 1. The CSRM is an exo-structure for population with mission-specific elements.

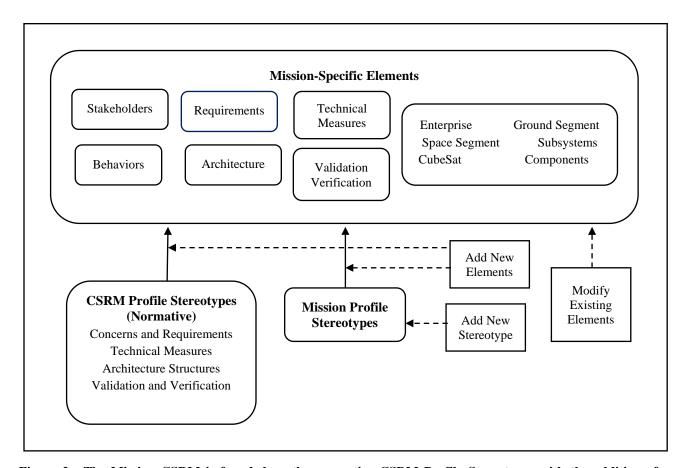


Figure 2. The Mission CSRM is founded on the normative CSRM Profile Stereotypes with the addition of Mission Specific Stereotypes. The user can add new stereotypes, add new elements, and modify existing elements.

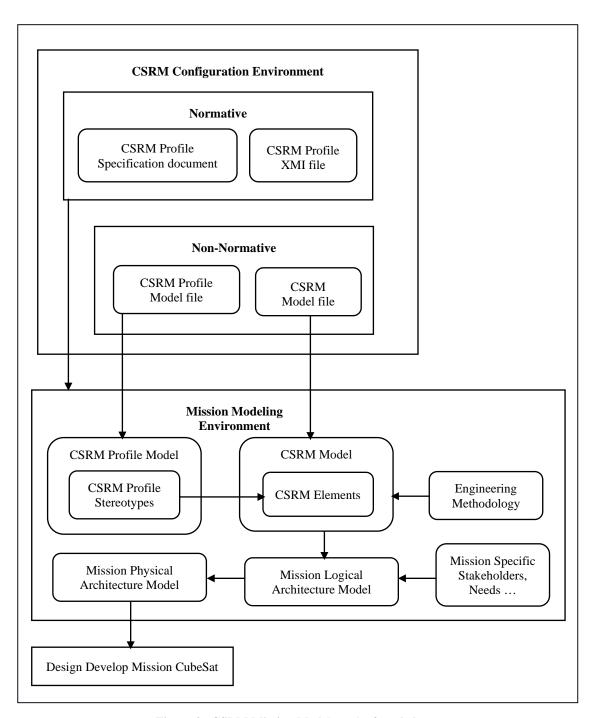


Figure 3. CSRM Mission Model can be founded on:
1) the CSRM Profile Specification and XMI File or on
2) reuse of a CSRM Profile Model file or a
3) reuse of a CSRM Model file