Title: A Scalable Community Drive Architecture
G. Djorgovski¹, A. Mahabal¹, S. Caltagirone², D. Crichton³, T. Huang³, S. Hughes³, E. Law³, D. Pilone², T. Pilone²
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Abstract:
The cornerstone of EarthCube is a geosciences cyberinfrastructure that must bring together highly distributed, heterogeneous sets of data into a coherent data management and analytics infrastructure to enable scientific discovery. The Scalable Community Driven Architecture team is preparing a proposed conceptual architecture that defines the principles, architectural views, critical topology choices, and approaches to allow for integration of data, software components, and computational services into this national asset. A key challenge is allowing for scalability and extensibility while governing its implementation and evolution.