# Design of Scene Knowledge base system based on Domain ontology

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***Abstract— In light of the rapid growth VoD clips commerce services, there are more needs video and scene metadata to be searchable and re-usable. We propose a design of scene knowledge base system based on a domain knowledge ontology. The domain knowledge ontology is knowledge base to describe some scenes which who, when, where, what and how. It has actors, objects, times, locations, activities, moods, brands, and so on. It also pursues to include as many real and virtual world events as possible. After all, scene knowledge base are scene metadata and some events ontology based on domain ontology. They can be used for VoD clips, media commerce, marketing, advertisement services.***

***Keywords— scene metadata, scene knowledge base, scene ontology, domain ontology, domain knowledge base***

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