#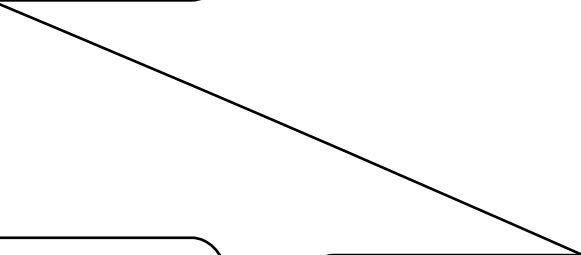 Kane domain model