**Draft new Recommendation F.746.10 (ex H.LLS-DIA)**

**Architecture for spontaneous dialog processing system for language learning**

**AAP Summary**

The purpose of this Recommendation is to define the architecture, functional entities, and interfaces for spontaneous dialog processing system for language learning service which is described in [ITU-T F.746.5]. The scope of this Recommendation is focused on describing the architecture with different functional components in spontaneous dialog processing system: input/output management, dialog understanding, dual dialog management and generation, dialog knowledge management, incremental dialog knowledge learning, unstructured spontaneous speech recognition management and language learning function. This Recommendation together with the existing standards "Framework for language learning system based on speech and natural language processing (NLP) technology" [ITU-T F.746.5] will support the future systems which are expected to be equipped with dialog processing and language learning functions for advanced user experiences.

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