The paper is devoted to a depth analysis of the intellectual processes of dynamic formation of personal audio and video content for mobile information support of a user during his touristic trip. The main goal is to develop methodological approaches that are appropriate to use for designing one of the subsystems of innovative intelligent system "MIAT" (Mobile Information Assistant of Tourists) that will provide formation and processing of audio and video content that is required for individual information technology of user support during realization his excursion. The authors examined the architecture of mobile audio travel guides and algorithmic synchronization tools of their multimedia content components. Travel guidebooks in DAISY format are proposed to use as sources of multimedia content that accompanies the trip or tour. The basic requirements for mobile subsystems of intelligent information systems "MIAT" are formed, so it is responsible for dynamic personalized audio and video support tourists during realization his trip.
Twórcy

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DAISY OK defines the requirements for certification of DAISY players/reading systems and DAISY Digital Talking Books. The DAISY 2.02 Specification is the most broadly adopted access technology ever created. It is twice as popular as screen readers: there are approximately 100,000 screen readers, and over 200,000 DAISY reading systems (players) in the world. It is our responsibility to give students with disabilities an opportunity to have a rich reading experience. DAISHpedia Categories