

ABSTRACT

A data processing method is provided and includes: obtaining a trust credential and a trust profile, where the trust credential indicates a trustworthiness level of a media asset, and the trust profile indicates a trustworthiness level requirement of the media asset; and generating a trust report based on the trust credential and the trust profile, where the trust report includes report metadata and a report statement, the report metadata records information describing the trust report, the report metadata includes information extracted from the trust profile, and the report statement includes a statement of whether the trust credential satisfies the trustworthiness level requirement in the trust profile. The trust report is generated based on the trust credential and the trust profile, and the media asset does not need to be read. Only information about the trustworthiness level needs to be read from the trust credential, and the trustworthiness level requirement needs to be read from the profile, to assess the trustworthiness level of the media asset. Metadata information of information about the trust profile is synchronously recorded in the trust report, or the trustworthiness level of the media asset may be determined further based on the information about the trust profile.