

Xanadu FAQ

The following is a portion of the Xanadu FAQ from <http://xanadu.com.au/general/faq.html> on 080406.

2. What requirements do Xanadu systems aim to meet?

- 2a** Every Xanadu server is uniquely and securely identified.
- 2b** Every Xanadu server can be operated independently or in a network.
- 2c** Every user is uniquely and securely identified.
- 2d** Every user can search, retrieve, create and store documents.
- 2e** Every document can consist of any number of parts each of which may be of any data type.
- 2f** Every document can contain links of any type including virtual copies ("transclusions") to any other document in the system accessible to its owner.
- 2g** Links are visible and can be followed from all endpoints.
- 2h** Permission to link to a document is explicitly granted by the act of publication.
- 2i** Every document can contain a royalty mechanism at any desired degree of granularity to ensure payment on any portion accessed, including virtual copies ("transclusions") of all or part of the document.
- 2j** Every document is uniquely and securely identified.
- 2k** Every document can have secure access controls.
- 2l** Every document can be rapidly searched, stored and retrieved without user knowledge of where it is physically stored.
- 2m** Every document is automatically moved to physical storage appropriate to its frequency of access from any given location.
- 2n** Every document is automatically stored redundantly to maintain availability even in case of a disaster.
- 2o** Every Xanadu service provider can charge their users at any rate they choose for the storage, retrieval and publishing of documents.
- 2p** Every transaction is secure and auditable only by the parties to that transaction.
- 2q** The Xanadu client-server communication protocol is an openly published standard. Third-party software development and integration is encouraged.