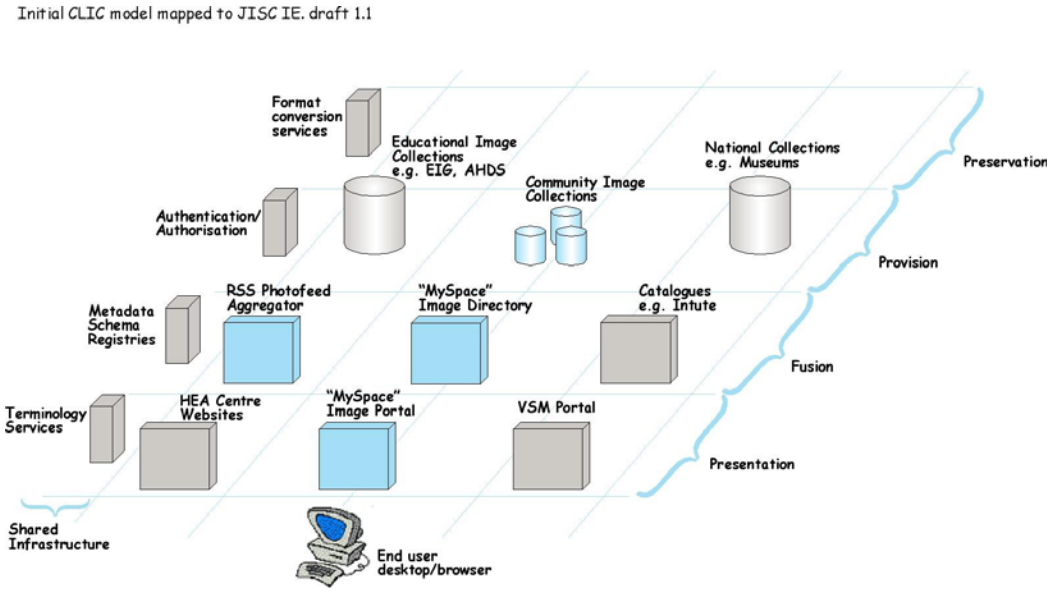
CLiC model and the Information Environment

Jonathan Miller; January 2007

The CLIC model is implemented in a number of stages. The two diagrams present the model in its initial stage, and also in its ultimate form. The main pieces of the CLIC model are coloured blue. Other applications and services may interact with the model, but are outside its scope; they are marked in grey.

The central feature of the CLIC model is the subject-based image collection which provides material licensed under Creative Commons (or similar) agreements. The subject-based image collections would, under the CLIC model, be hosted by the Higher Education Academies or similar subject specialists. The material held by the subject-based collection is provided from a number of sources, but aims in particular to incorporate material from academics, researchers and enthusiasts who maintain their own community image collections. The CLIC study found that the owners of community image collections are reticent about contributing images to any kind of centralised service, but would be happy to provide metadata about their collections to a subject-based image collection.

Integrating the initial-stage CLIC model into the JISC IE



Provision Layer

In the initial stages of the model all the image content will be provided by community collections, and will remain dispersed. Initially the subject-based collections hold only metadata, they will be virtual providers of images, and have no place in the provision layer.

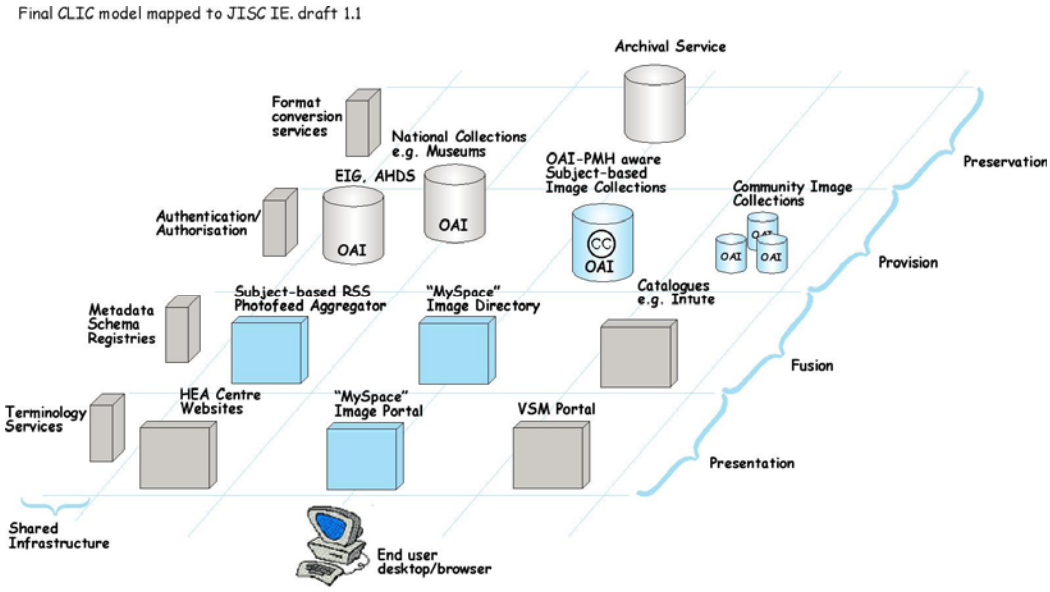
Fusion Layer

The initial functions of the subject-based collection would be to meet the needs identified in the by the CLIC survey of image collection providers, namely publicity, marketing and dissemination. This would be achieved by providing a directory of image collections in the manner of the My-Space website. Community collection owners would be given an entry in the My-Space directory to promote their collection. Each collection listed in the directory would be encouraged to publish RSS photofeeds of their holdings. These photofeeds would be picked up by the HEAs, RDN etc., fulfilling community collections' expressed desire for publicity.

Presentation Layer

The subject-based collection provides portal-like searching and classification services to give end users a uniform interface to the diverse community collections.

Integrating the Final-stage CLIC model into the JISC IE



Provision Layer

As the subject collections evolve, they will seek to acquire their own CC-licensed image material, sourced from community collections, museums and national collections or commercial providers.

The information provided by community collections to produce RSS feeds would be a first step towards integrating them into an OAI-PMH solution. By encouraging them to provide the basic metadata required for RSS feeds they would be in a much better position to provide the information required to present their collection via a OAI-PMH (static) gateway hosted by the subject collection. The subject collections should also seek to integrate material from national image resources such as the EIG and museum collections via the OAI-PMH.

Fusion and Presentation Layers

The My-Space directory, portal and RSS photo-feed aggregator are unchanged in this stage of the model.

Shared infrastructure and preservation

The CLIC model would make use of the shared infrastructure of the JISC IE wherever possible. In particular, the CLIC model does not include an archival service. In the initial stages of the CLIC model only metadata is stored, so there is little need for archive provision. In the later stages access to an archival service could be used to encourage small community collections to donate images to the subject collections under suitable licence terms.