

Significant properties of raster images

Digital images are a common form of digital resource that may be used for a wide range of purposes. A number of file formats exist that are able to store visual imagery, though they differ in the qualities of the image that they are able to maintain. Consider the attributes of a digital image that you would wish to maintain over time.

The tutors have provided an analysis template and examples of several properties that may be significant for maintaining the information object over time.

Examine the properties of each component and perform the following activities:

1. Identify the function that the property performs for the successful recreation of the artefact
2. Assess the value of the property for recreation of each artefact? Do you consider it to be essential, beneficial, or superfluous? Do you need to provide a rationale for your argument?
3. How do you measure the values attributed to each property? What measurement system is used for these values?
4. How will the image be used for various activities in different environments? How will the function influence the properties that are important and the quality level for each property to ensure it is fit for purpose?

Once you have completed the above tasks, consider the following questions:

5. Are there any other properties of the image that should be maintained?
6. Are there any other artefacts in a digital image file that it would be useful to maintain?