# The Place of TILE in A Virtual Research Environment for the Humanities

Dot Porter

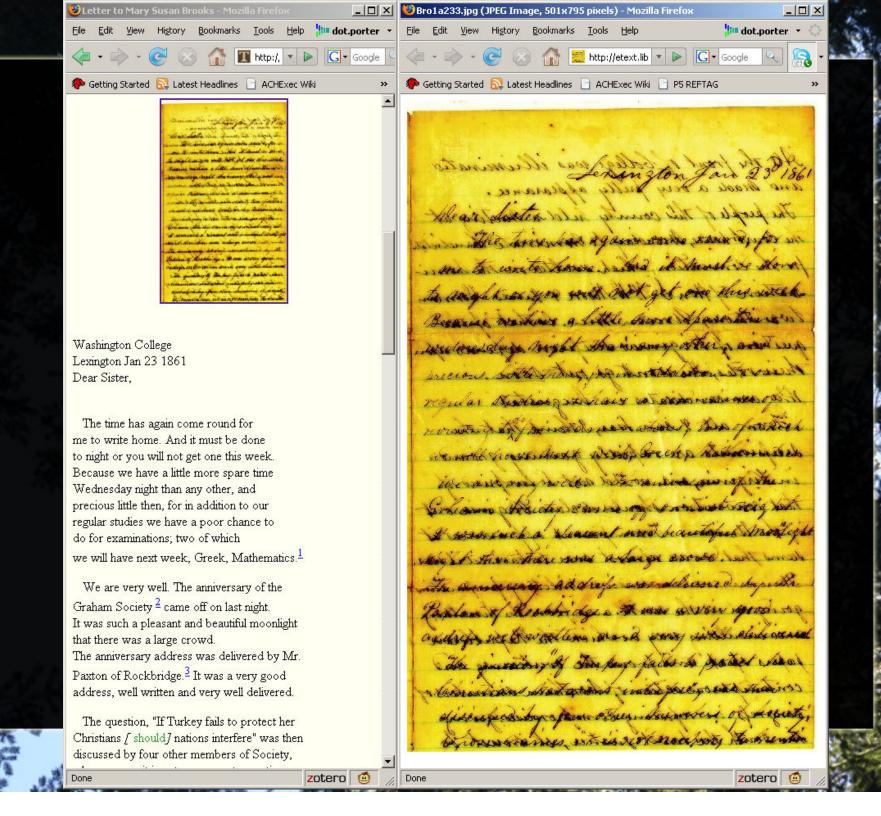
Colloquium on E-research on Texts and Images

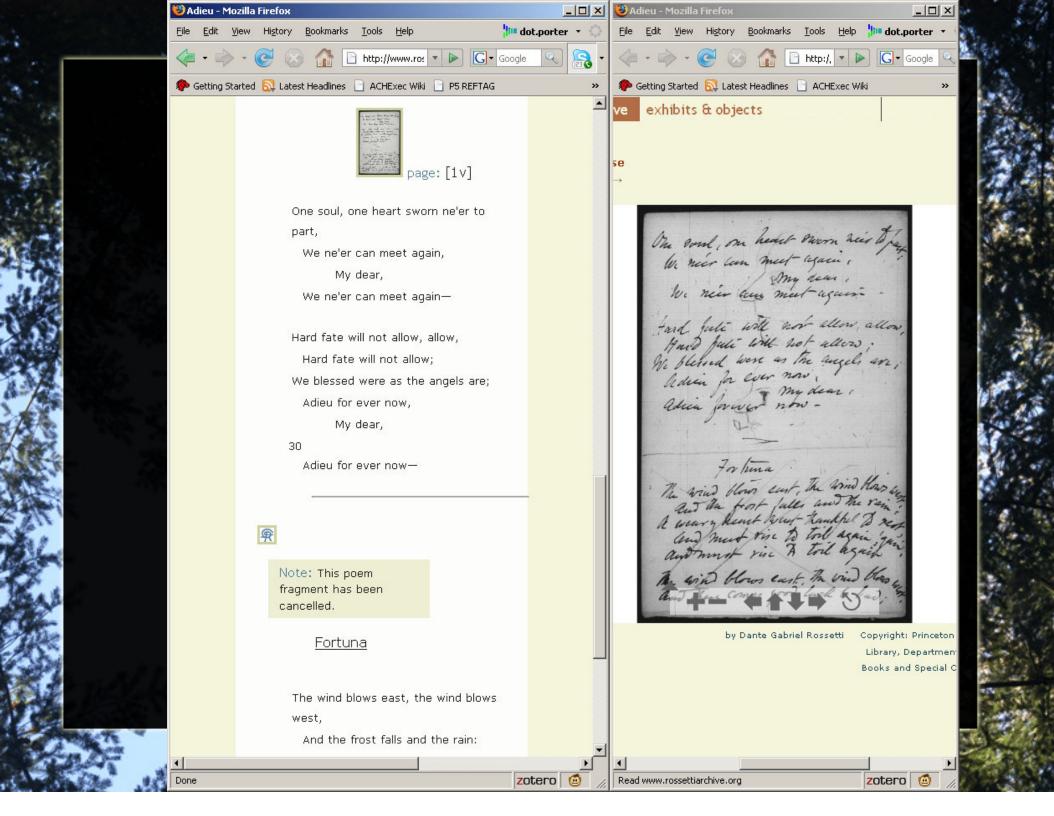
British Academy

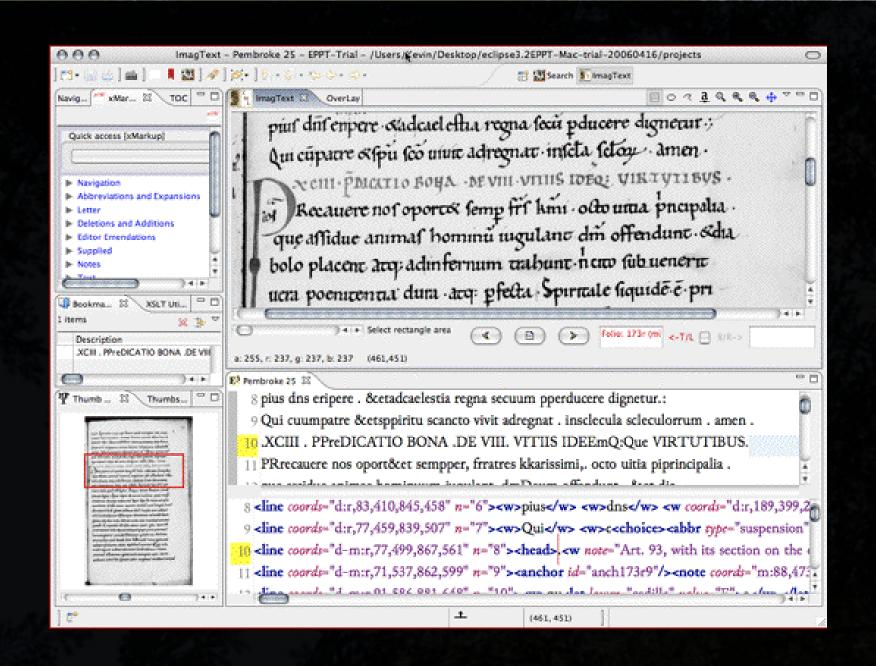
May 2010

## What is TILE?

- Text-Image Linking Environment
- NEH Funding, Research and Development
- May 2009-April 2011
- MITH, Indiana University Bloomington, DHO
- Modular set of tools for various types of image annotation and image-text linking, designed to be incorporated into other systems







#### Mapa de Tolcayuca



















#### Annotations

#### Flora

#### Objects

#### **Objects & Structures**

#### People

group of indigenous women

#### cacique

sample footprints

#### Places

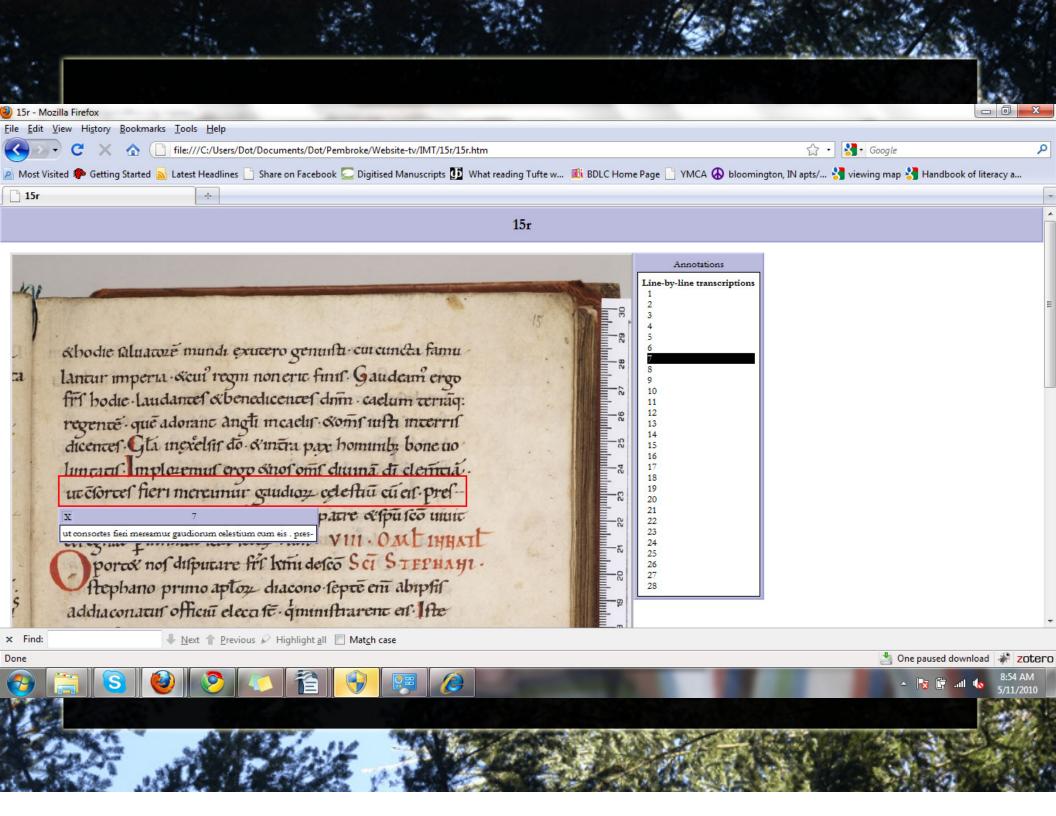
Text

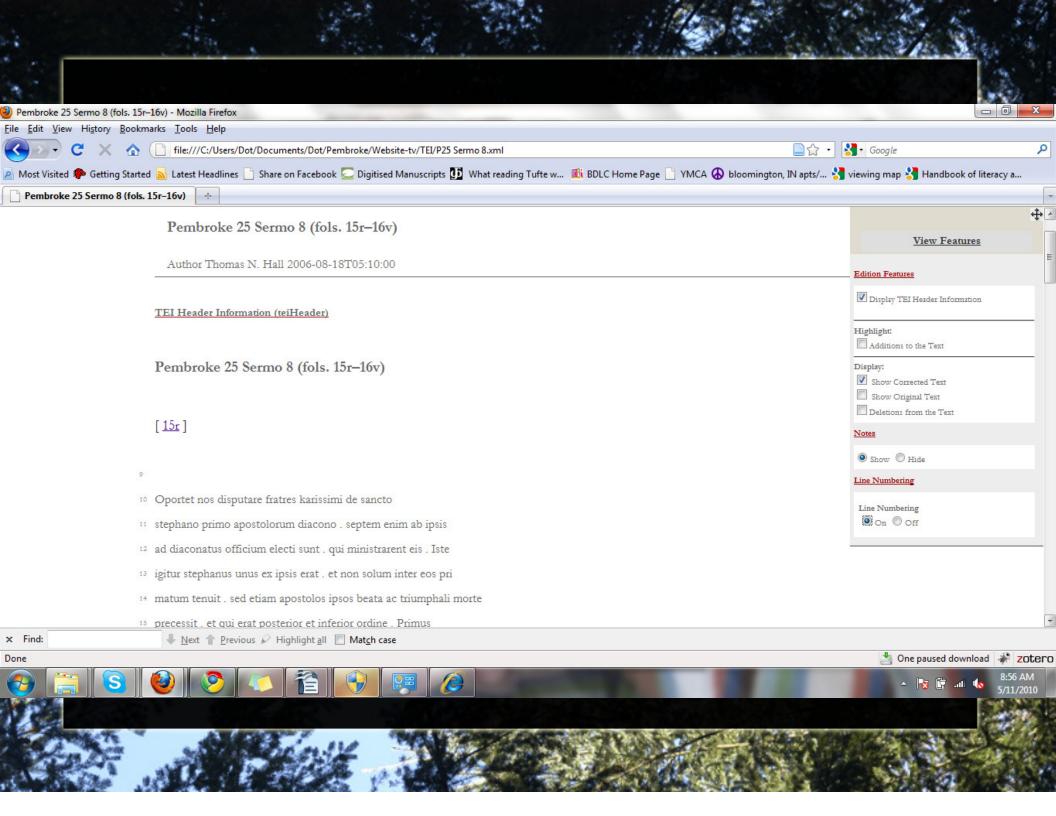
cacique new window

Image: Editor's Description | Zoom

This is a close-up of the cacique sitting in a chair at the open-air gathering outside the church of Tolcayuca. He is sketched in black ink, and he is not painted. He appears to wear clothing on his upper body, possibly a white cotton cape, which drapes over his arm. This would be a colonial clothing style. The cacique appears to hold a staff of office, which is a symbol of his authority. In Nahuatl his position could be that of tlatoani (plural: tlatoque). His sitting posture, in a chair, represents the adoption of European ways, although some indigenous men in prehispanic times and in some areas are known to have sat on stools. Nahua men normally sat on a mat with their knees up under their chins. Men's slight elevation off the earth may be an indication of their association with the celestial realm (in constrast with women, who sat on the earth, indicating their relationship to the terrestrial realm).

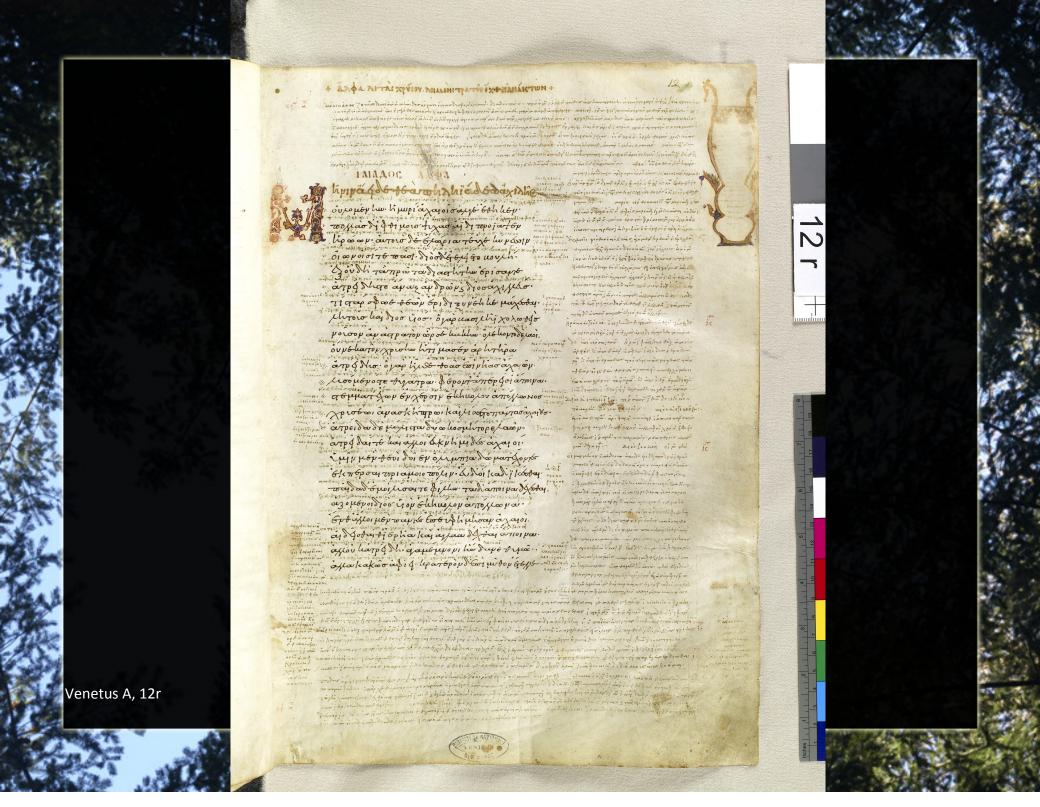












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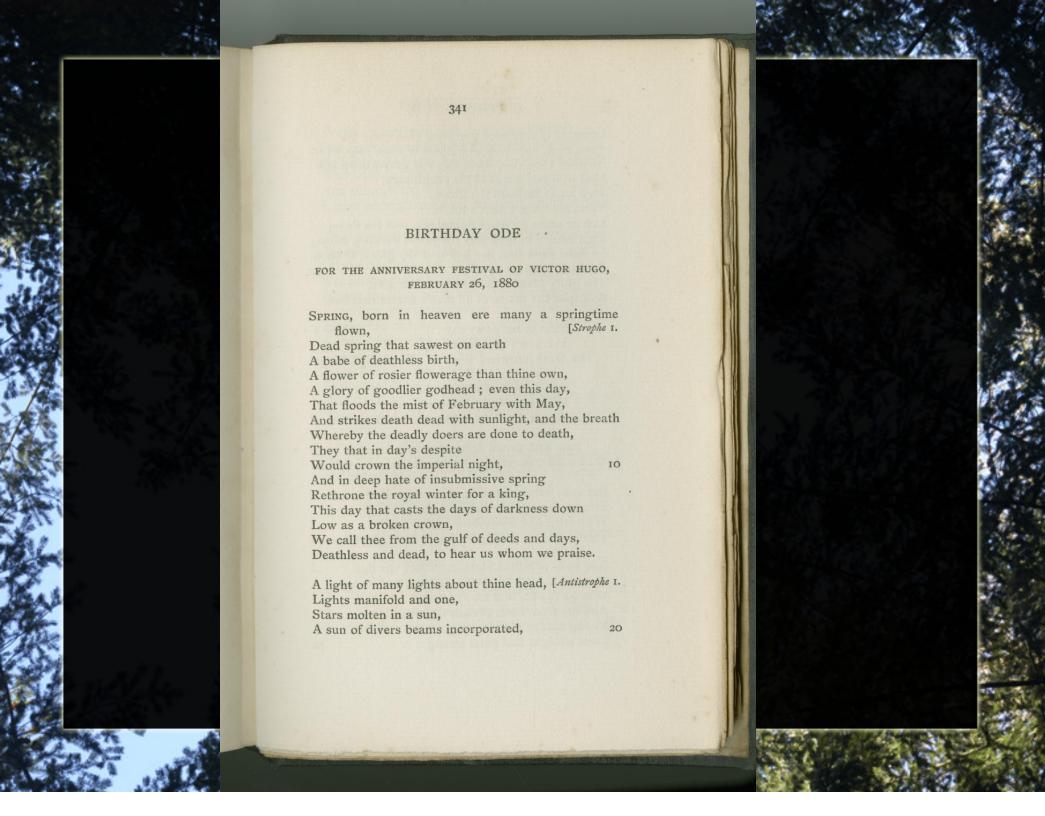
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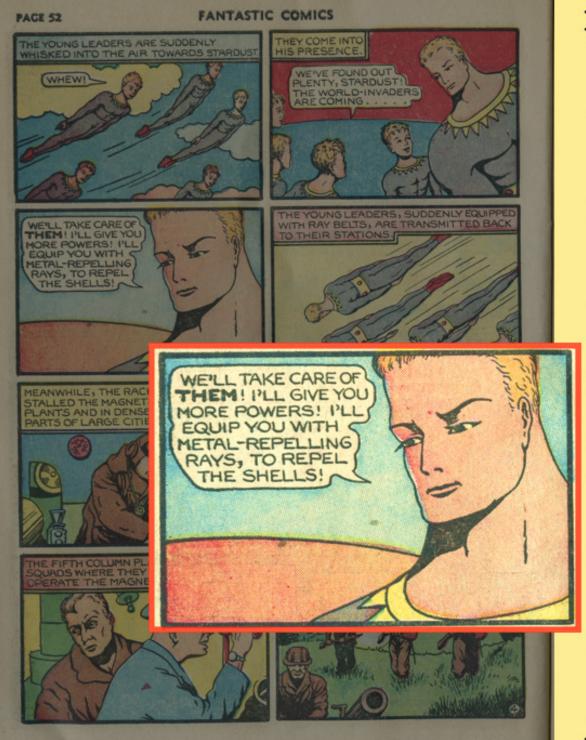
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56 The powders of Pollucial bodys is while sor is a cluster of small bubbs of airs, y' scrapings of black or char Rorns, &c: [Because of y' multitude of reflecting surface soe are bodys well are full of flaws, or bloss white parts lye not very close together (as metalls, match, & a grosser Æther into you yo go pores in their parts donnet 57 Most Bodys (viz: those into rokich water will soaks as paper, wood, marble, y ocules mundi stone, &c) become more Jarke & bransparent by bring soaked in water to you water fills up you reflecting ports (0) so for the a booking of 58 & tooks a booking ak as put it betweet my Eye & y bone as nears to y and of Backside of my syr as of could: & prising the site of the sale of the sal curvature a bedef in any eys) there appeared severall which darke & coloured circles 4, 5, t, &c. Which circles were plaint when I continued to rub my eye with a point of y' bookins, but if I keld my eye & y Bod kin still , though of continued to prises my eye as ofthe disapprave with I renewed you by moving my syr or y' bookin were done in light rooms so yt though my eyes were shut some light would get through their adds There appeared a will willet at see y greate broads Plurish darke circle outmost (as to) of whim that another light spot sas whose colour was much like it in y vest of y' eye as at R. William well spot appeared still another bliw spot or

(Mill) faminate and thought self of although the aim through the title astick a (if ), 50000) or better through a pipe p and had by faminate for about ground (rig 2) on programments like a chimney on y lap of y farmance to the and any the could be formed for about y air form y surface of y tends to y for first fy farmance to the could be formed (right), continued to channel y tairs from y surface of y tends to y for first fy farmance to the could be in the could be good to the could be g (IN) furnace wet blows it self by attracting the aire through the tota astile a (in 1, 5000) or better through a pipe ; 1 Both Ray stape like a both, with a Globulat bottom at Boy show. 1 Bolt hear stape like a both, or a growth or by the bolt or butter or butter of the providing form; stape of their Bolt with a Cong stem of the providing of t 2 Egg Glass from " stap of their Rob with a Cong show to high populars in . I recionst win great bottly to recion we come over in Digiston . interiments. Bellows: Tongues; Spalatas; Circles or rings of iron for cotting Glasse; marth of Muller for Grinding. Depour, not of mather Best in this plane hours over the vapour of some coverding sublancy. This hour vinegar Riomes Cross or white afield as see 24 . The first of such of such of such of such of pul mile a fleet of suchs of Graphs (made to send forth some vapour by easy that) is corred of flice marine as acid shain, into viviligenase. put into a Regis of Graphs (made to send forth some vapour by easy state) is corred? By their mourness of acid shame into Directorage of the Direc

Spring, born in heaven ere many a spring hole Clearl spring that sawes hon earth A bake of deathless with, Aflower of \* rosier flowerage than thene own, It glory of goodle a godhead; eventhis day, That floods the mest of February with May, and shikes death dead with sunlight, & the breath Whereby the deadly doers are done to death, Even They that in days despite Would crown the imperial night Remain the royal winder for a king This day that treets the days of darkness down Low of a broken crown, We call thee from the gulf of nights blays, Beathless & dead, to hear us whom we prince.





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 <cbml:panel facs="#pg52p01" characters="#anon_boy1 #ano
  <cbml:caption>The young leaders are suddenly whisked
  into the air towards Stardust</cbml:caption>
  <cbml:balloon type="speech" who="#anon_boy1">Whew!</
 </cbml:panel>
  <cbml:panel facs="#pg52p02" characters="#anon_boy1 #st
  <cbml:caption>They come into his presence.</cbml:caption>
  <cbml:balloon type="speech" who="#anon_boy1">We've fo
  plenty, Stardust! The world-invaders are coming....</cbml:bal
 </cbml:panel>
 <cbml:panel facs="#pg52p03" characters="#stardust">
  <cbml:balloon type="speech" who="#stardust">
   We'll take care of them! I'll give you more
   powers! I'll equip you with metal-repelling
   rays, to repel the shells!</cbml:balloon>
 </cbml:panel>
  <cbml:panel facs="#pg52p04" characters="#anon_boy1 #ar
  <cbml:caption>The young leaders, suddenly equiped with
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 </cbml:panel>
 <cbml:panel facs="#pg52p05" characters="#racketeer">
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densely populated parts of large
   cities.</cbml:caption>
 </cbml:panel>
  <cbml:panel facs="#pg52p06" characters="#anon_villain1 #</pre>
  <cbml:caption>In Europe, the big guns are aimed
  at the objectives with the greatest precision. </cbml:caption>
 </cbml:panel>
 <cbml:panel facs="#pg52p07" characters="#anon_villain1 #a
  <cbml:caption>The fifth column
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  <cbml:caption>And members lurk ready to take
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 </cbml:panel>
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```



## Desired Functionality

- Semi-automated creation of links between transcriptions and images of the materials from which the transcriptions were made.
- Annotation of any area of an image selected by the user with a controlled vocabulary.
- Application of editorial annotations to any area of an image.
- Support linking for non-horizontal, non-rectangular areas of source images.

# Desired Functionality

- Creation of links between different, noncontiguous areas of primary source images. For example:
  - captions and illustrations;
  - illustrations and textual descriptions;
  - analogous texts across different manuscripts

# Additionally

Range of functions

Modular and extensible

Allow for a variety of output formats

Simple to set-up and use

### TILE

- Interoperability
- Modular & Extensible
- Focus on Community in development and testing
- TILE beta to be released after DH2010 for a year of public testing and feedback