Geospatial Research Prototyping

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Phase 1: “Collocating Places and Words with TopoText 1.0”
Geocriticism is an interdisciplinary approach towards the study of literature that necessarily includes a spatial or geographical dimension. First coined by Bertrand Westphal in *Geocriticism: Real and Fictional Spaces*, a geocritical approach adopts a multifocal and geocentered perspective to explore the significance of a place, whether real or fictional.
“Like the mapmaker, the writer must survey territory, determining which features of a given landscape to include, to emphasize, or to diminish” (45).
Literary geography refers to the reader who focuses on spatiality when reading a text by being conscious of how spatial configurations change over time and how this affects literature, keeping in mind that space is a formation of history, “and the history of spatial formation often overlaps with the history of narrative forms” (Spatiality 80).
Prototype as Theory

A digital prototype is conceived as a theory, where theory is defined from a humanities perspective as that which “promises deeper understanding of something already given, like historical events of a literary work. To say that software is a theory is to say that digital works convey knowledge the way a theory does, in this more general sense” (Ramsey and Rockwell 77).
Prototype as scholarship

Prototype as original contributions to knowledge in themselves, not unlike writing (Galey and Ruecker).
Prototype as Theory II

A second way of viewing digital artifacts as theories, according to Ramsay and Rockwell, is by approaching them as “hermeneutical instruments through which we can interpret other phenomena. Digital artifacts like tools could then be considered as “telescopes for the mind” that show us something in a new light” (79).
Deformance as Interpretation
(Samuels and McGann)
Location Detector

hitherto escaped destruction, it has been by a combination of
great prudence and great good luck. Should the throne of change
take me in the act of writing it, Hyde will tear it in pieces;
but if some time shall have elapsed after I have laid it by, his
wonderful selfishness and Circumcision to the moment will
probably save it once again from the action of his ape-like
spite. And indeed the doom that is closing on us both, has
already changed and crushed him. Half an hour from now, when I
shall again and for ever re-induce that hated personality, I know
how I shall sit shuddering and weeping in my chair; or continue,
with the most strained and fear-stuck ecstasy of listening, to
pace up and down this room (my last earthly refuge) and give ear
to every sound of menace. Will Hyde die upon the scaffold? or
will he find courage to release himself at the last moment? God
knows, I am careless, this is my true hour of death, and what is

Browse

Import

C:\Users\Elka\Desktop\Strange Case of Dr. Jekyll a...
A world map of Thackeray’s *Vanity Fair* automatically generated by TopoText 1.0
PHASE 2: Prototyping Across the Disciplines (TopoText 2.0)
Creating a map from a text
Prototyping after the digital turn can be seen as an assemblage of various methods: “theoria (or contemplation), poiesis (or making), and praxis (or practice/action).” See Jon Saklosfke, “Digital Theoria, Poiesis, and Praxis: Activating Humanities Research and Communication Through Open Social Scholarship Platform Design,” Scholarly and Research Communication, vol. 2 no.3 (2016): n.p.
Software prototyping is a social process
Software Quality Standards

The 2011 International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), also known as ISO/IEC 25010:2011, a part of the Systems and Software Quality Requirements and Evaluation (SQuaRE)
Research question:

Are there ways that the ISO/IEC 25010:2011 standard might be transformed into more general guidelines, or even rethought to be useful to the informal, interdisciplinary encounter?
TopoText 2.0
Modularity
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Maintainability
Reusability

- compatibility
- interoperability
Functional correctness
Thank you :)