Assessment: SVG Mapping with Spatial Data stored in Oracle

- → Having accessed the Oracle database and drawn shapes using SVG we are now in a position to write queries which draw objects that have their coordinates stored in the database!
- → The aim of this assessment is to create an SVG web map of the familiar archaeological finds and agricultural fields using data stored in a database. You may embellish your map as much as you wish to show off your technical prowess (whilst maintaining a high standard of design).
- → Things you need to know:
 - The data are stored in Oracle tables gisteach.fields and gisteach.finds
 - To use a geographic coordinate system modify your opening SVG tag appropriately, then transform the image thus:

```
<g transform="scale(1,-1)">
    [...geographic objects go here...]
</g>
```

→ Hand in:

- A brief description of the problem and the solutions you have developed (maximum of one side of A4)
- Appropriately commented code
- The URL of your web map
- A short description of how your work could be developed into a full-blown webmapping system based on Oracle (maximum of one side of A4)

Resources

SVG documentation is available at http://www.w3.org/TR/SVG/

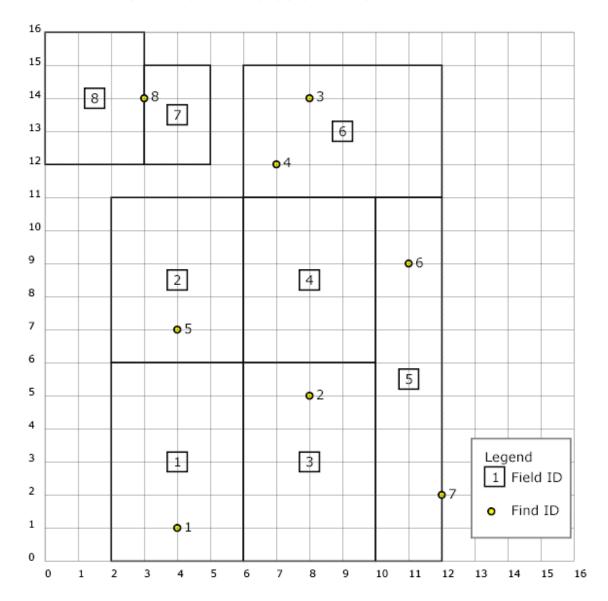
HTML guidance on http://www.webmonkey.com/

Python docs

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Archaeological Finds Map

FIELD PLAN SHOWING ARCHAEOLOGICAL FINDS



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