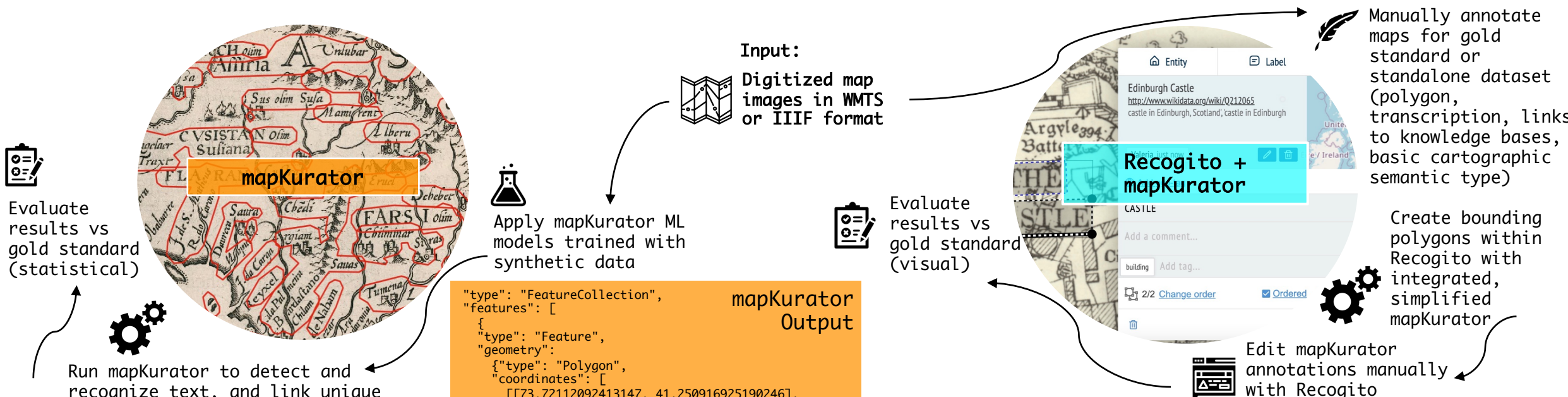


MACHINES READING MAPS

MRM is a collaborative project developing 1) tools for working with text on maps as machine-readable data (mapKurator & Recogito); 2) methods for analyzing that data at scale; and 3) GLAM workflows to improve the discoverability of large map collections. Our initial case studies explore the geography and linguistics of map labels for historical monuments on 19th-century OS maps of the UK and the description of minority and immigrant communities represented on large-scale 19th- and 20th-century fire insurance maps of Scotland and the US.



```

mapKurator Output
{"type": "FeatureCollection",
 "features": [
  {
    "type": "Feature",
    "geometry": {
      "type": "Polygon",
      "coordinates": [
        [[73.72112092413147, 41.250916925190246],
         [-73.7208867799021, 41.25102442780674],
         ...,
         [-73.72054923199592, 41.25031115176751],
         [-73.72076753052161, 41.25022693727543],
         [-73.72112092413147, 41.250916925190246]]
        ]
      },
      "properties": {
        "text": "Croton",
        "score": 0.8146643639000001,
        "wikidata_uri": "https://www.wikidata.org/wiki/Q54888680"
      }
    }
  ],
  ...
}

```

```

Recogito Output
{"type": "FeatureCollection",
 "features": [
  {"type": "Feature",
   "geometry": {
     "type": "Point",
     "coordinates": [
       -122.237468, 37.654654
     ]
   },
   "properties": {
     "titles": "San Francisco Bay",
     "annotations": 1,
     "uris": ["http://www.wikidata.org/wiki/Q232264"],
     "titles": [ "San Francisco Bay" ],
     "source_gazetteers": ["https://california.wikidata.org"],
     "tags": [ "natural" ]
   }
 }
 ]
}

```