



2008 FREE AND OPEN SOURCE
SOFTWARE FOR GEOSPATIAL CONFERENCE

Sarisara Lanka

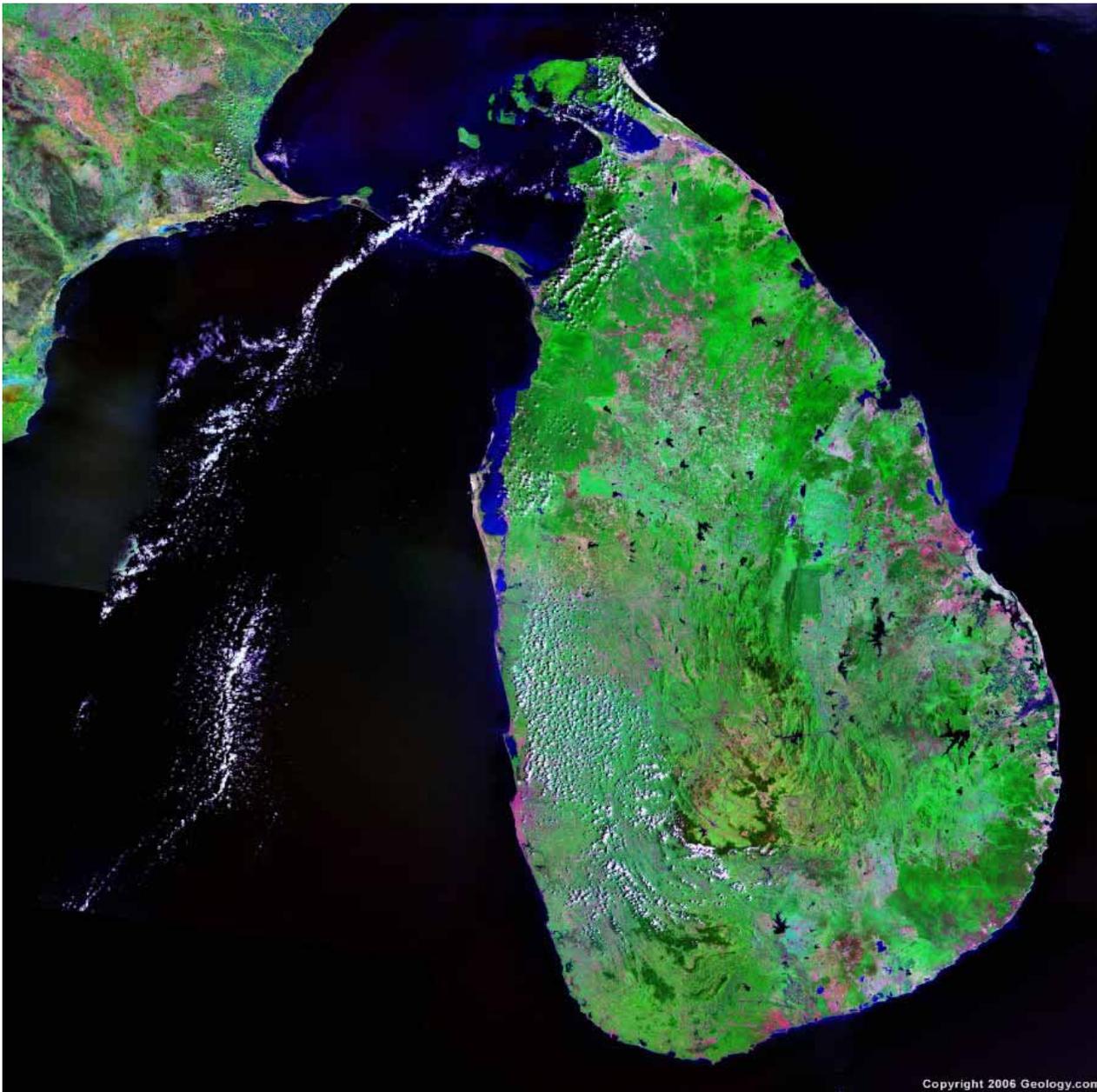
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Sri Lanka

Area ~ 65 610 sqkm

Population ~
21million

Literacy rate ~ 92%

Integrating FOSS web-GIS tools with Web2.0 capabilities to produce scalable city information system supporting participatory GIS

I like geography. I like to know where
places are

Tom Felton



What is *Sarisara*?

Comprehensive web GIS portal for Sri Lanka.

Community oriented.

Serve both local and foreign users

Users can UPLOAD and GEOTAG photos, ADD write-ups, ORGANIZE events , FIND routes, SEND location routes to friends ...

Interested parties can ADVERTISE business on the portal.

Why more than 'maps'?

- Previous experiences show limitations in basic applications
- Examples
 - How to find traditional doctors?
 - Route description based on informal land marks
 - Inquisition on historic places/events/natural beauty

Role of Participatory GIS

- Professionals : explicit knowledge
- Everybody : tacit knowledge
- Use GIS to integrate both

Why more than 'maps'?



Ayurvedic Steam treatment

location: Nillabe, Kandy

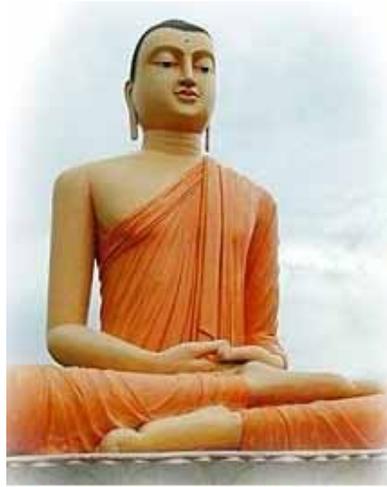


How to reach there?

Informal signs : primary school
Mountain tops, twin trees

What Sarisara offers

- Photo Sharing
- Write-ups
- Organize Events
- Find Routes
- Advertise
- Infamous historical places
- Zillion other things



Participatory GIS : capture Knowledge

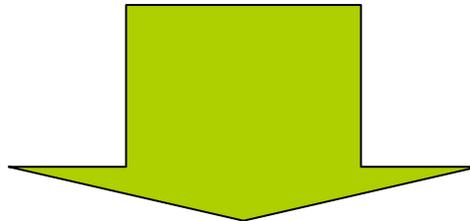
Web GIS: reaching the community

CMS+web GIS : managing data

Web 2.0 Capabilities : enhance user experience

Business / advertising module : long time survival

Accuracy of public data : verification process via
community groups

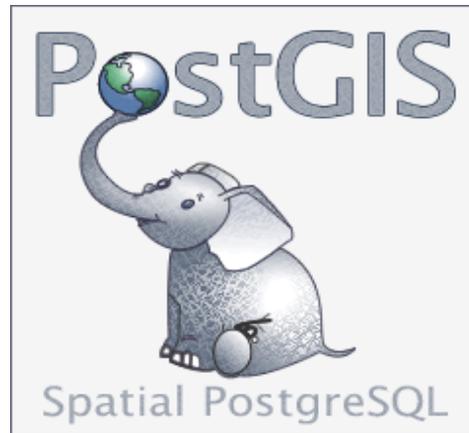


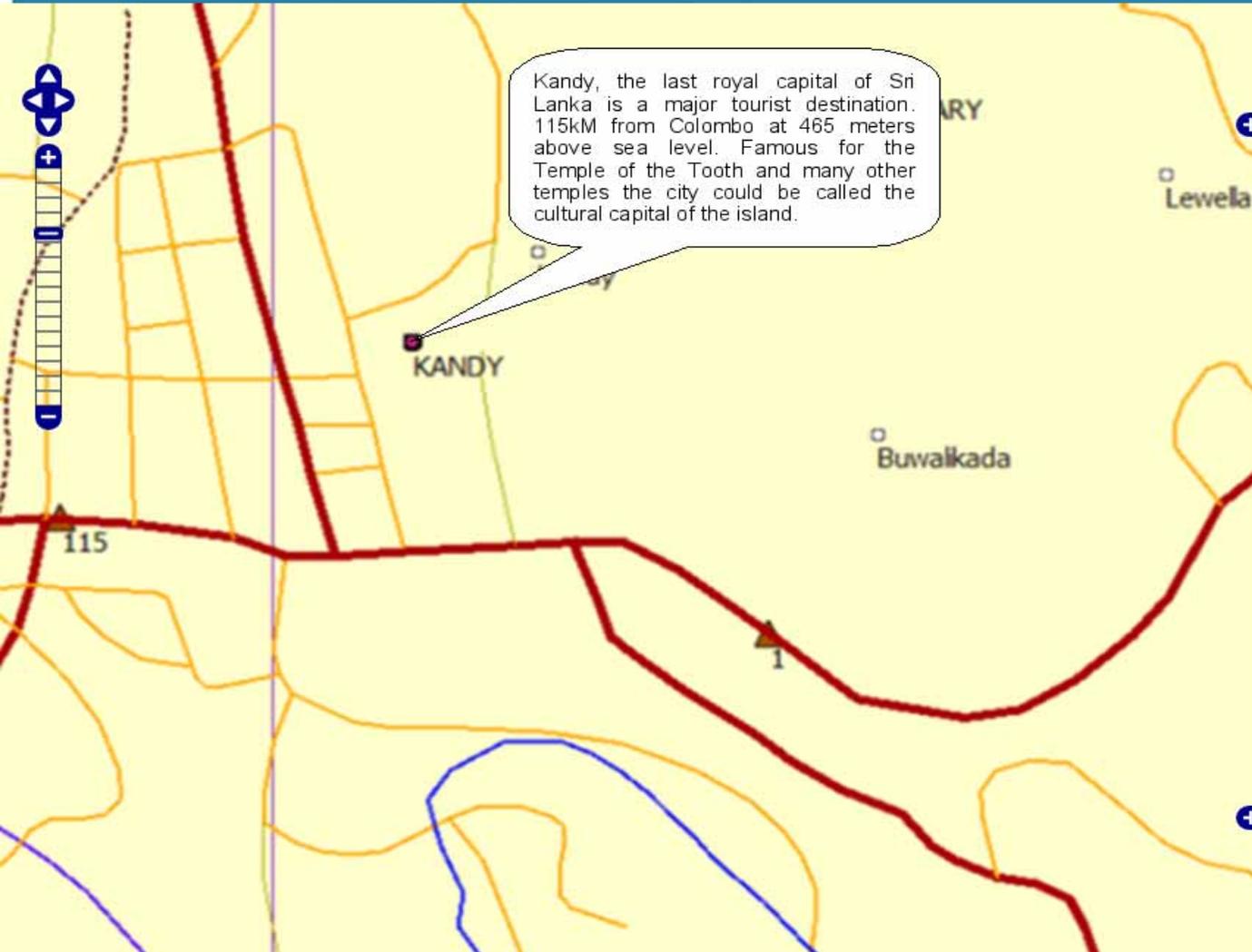
System Evolved by Itself

Let's see how we do this



PostgreSQL





Places

Dalada Maligawa

The Sri Dalada Maligawa or The Temple of the Sacred Tooth Relic is a temple in the city of Kandy in Sri Lanka. It was built within the royal palace complex which houses the only surviving relic of Buddha, a tooth, which is venerated by Buddhists. The relic has played an important role in the local politics since ancient times, it's believed that whoever holds the relic holds the governance of the country, which caused the ancient kings to protect it with great effort. Kandy was the capital of the Sinhalese Kings from 1592 to 1815, fortified by the terrain of the mountains and the difficult approach. The city is a world heritage site declared by UNESCO, in part due to the temple. Monks of the two chapters of Malwatte and Asgiriya conduct daily ritual worship in the inner chamber of the temple, in annual rotation.

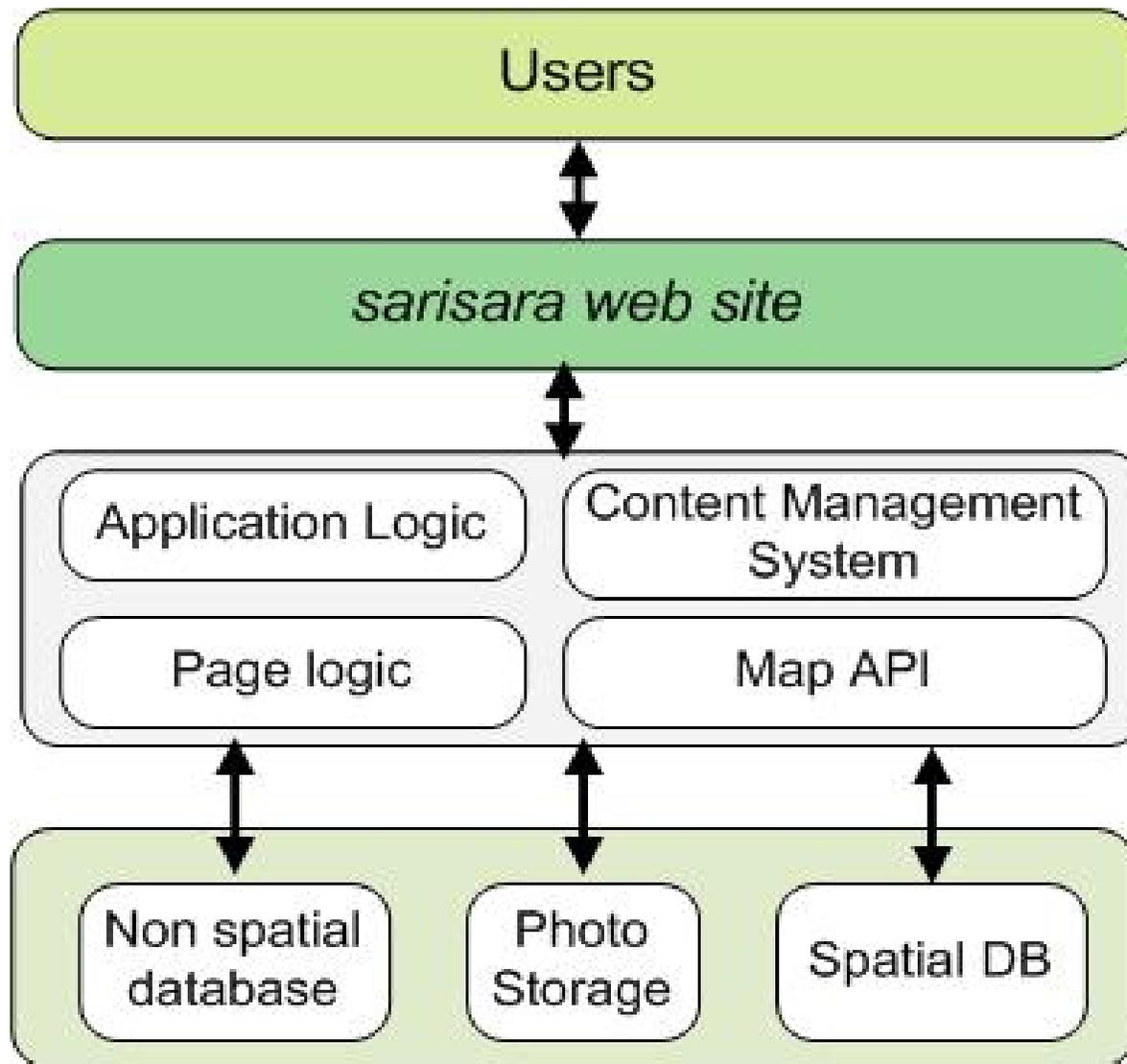
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Architecture



Thank you!

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