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Web viewer for digital medical images

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Contact info of Presenter

Introduction

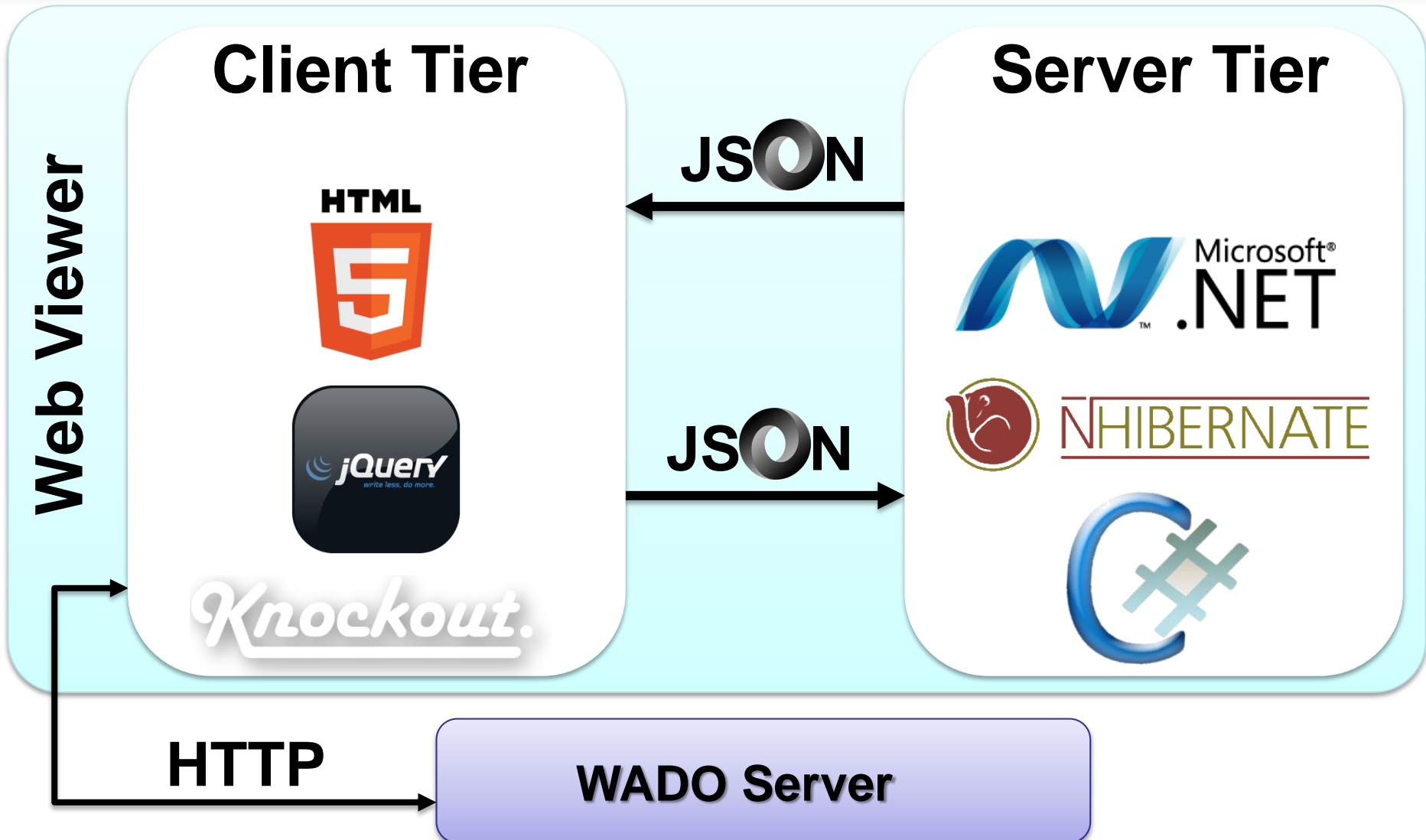


Main Difficulties



Show experiences of develop a web application that allows the medical images visualization and management in low end computers, with minimal network bandwidth usage.

Architecture



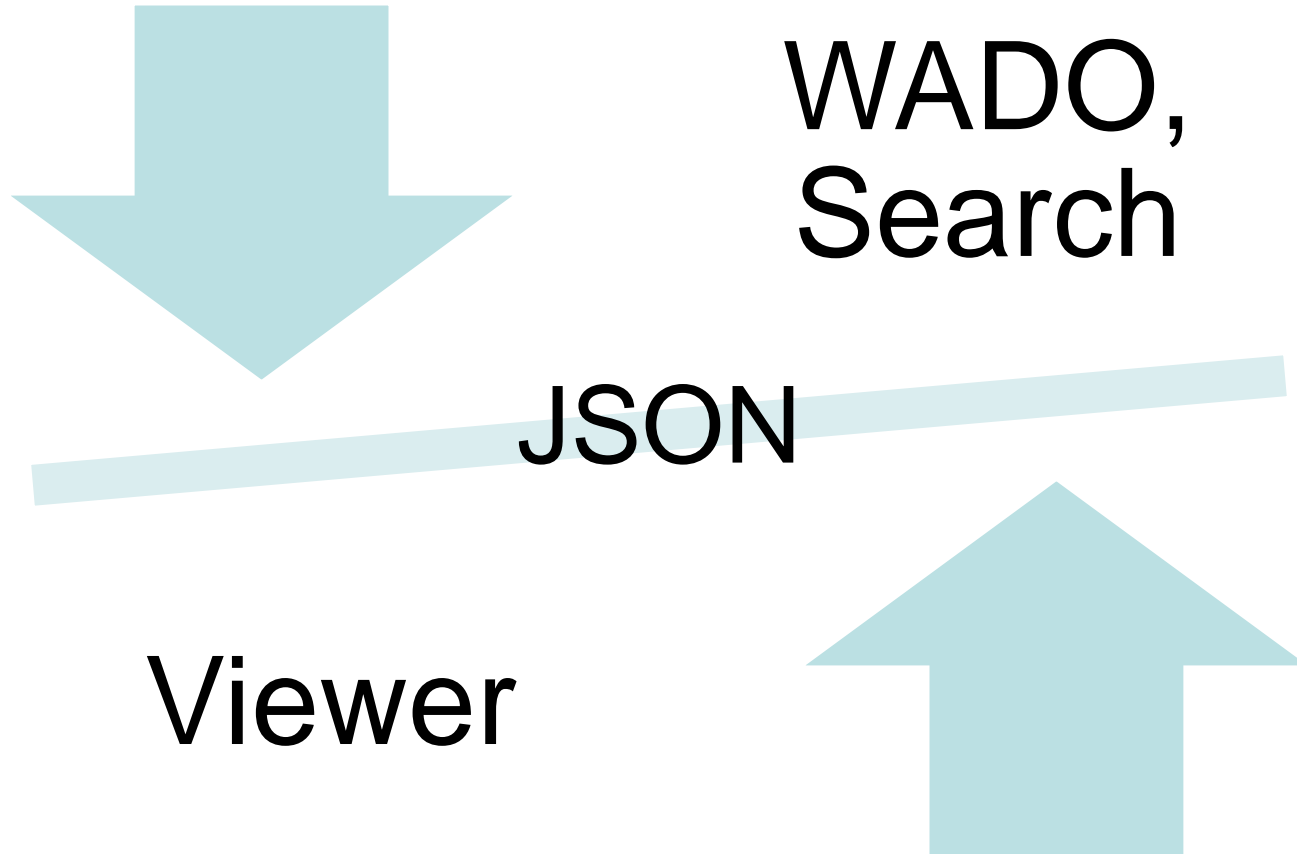
Search Service

- NHibernate, LINQ.
- Caching Levels. (Redis)

WADO Service

- Application/json
- Image/jpeg
- Thumbnails with cache.
- Calib Library for DICOM Reading.

Development Details



To develop a DICOM Web Viewer for using in Cuban medical institutions and hospitals in foreing countries that Cuba has colaboration relations.

It solution will help on technologies development, and improve health care at low costs.

References



<http://dicom.nema.org/>



<http://www.microsoft.com/net/>



<http://www.w3c.org/>



<http://http://knockoutjs.com/>



<http://jquery.com/>

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Thank you for your attention !