HYperMedia API GuideLimes and Best practices

# Api guidelines

***REST is easy or consumer but very hard for providers.***

API Should be developer friendly as they are the main customer. They can understand them easily and can debug easily.

Why REST?

Scalability.: not in terms of performance rather in terms of communication with other systems, adaptation.

Generality: common HTTP protocol every language knows how to communicate with this protocol.

Independent: can scaled removed independently

Caching:

Security

Encapsulation:

HATEOAS: Hypermedia as the engine of state transfer.

While developing REST API you pretend that your user is not aware of anything about your API so it should be suggestive , as when browsing a site you don’t know about a site but by clicking link on it you can navigate the site easily same your response should contains link which will tell what next to do.

Resource should be noun not verbs like Account.

Method argument should be object not different parameters. In future we can add or remove properties from Object.