



REST SERVICES

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REpresentational State Transfer

IS A SET OF ARCHITECTURAL CONSTRAINTS, NOT PROTOCOL OR A STANDARD.



Typically works over the HTTP protocol

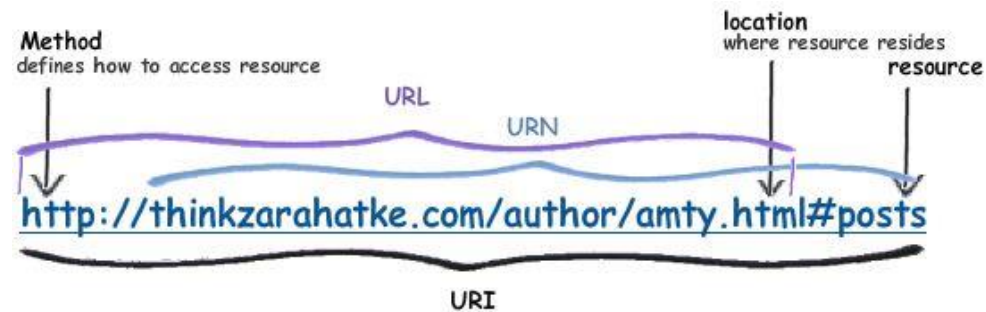


Service-Oriented architecture



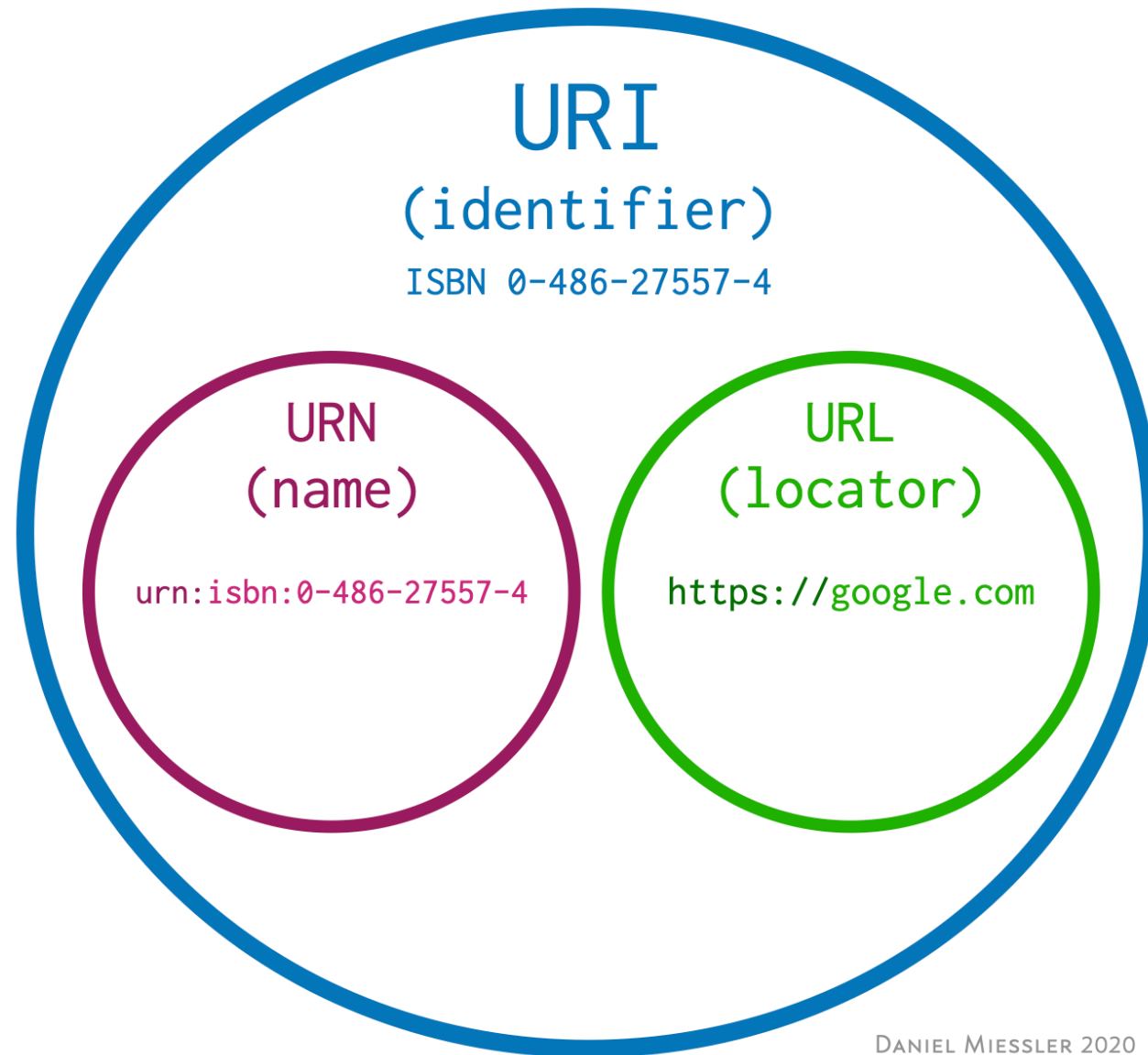
Communication between the client and the server

❖ Accessed by Uniform Resource Identifier (URI)

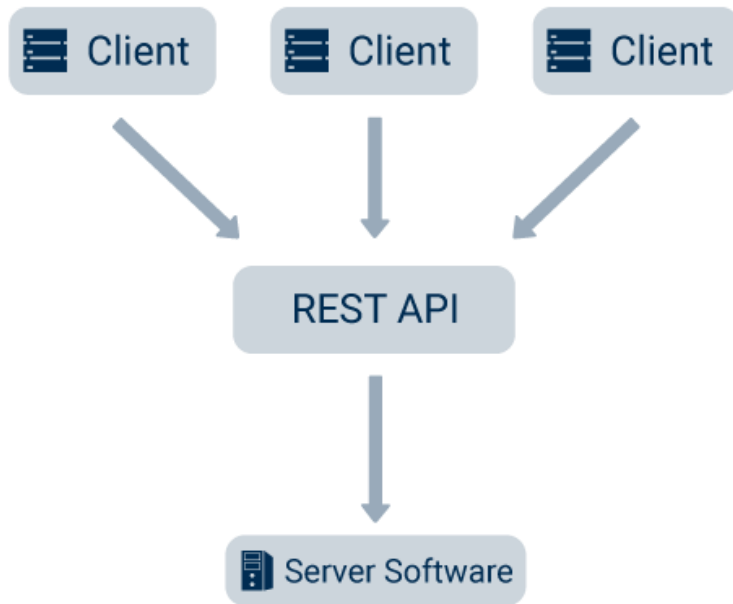


❖ The resources have to be decoupled from their representation, so that clients can Access in several formats, such as HTML, plain text, PDF, JPEG, JSON.

❖ Every interaction with server must be stateless

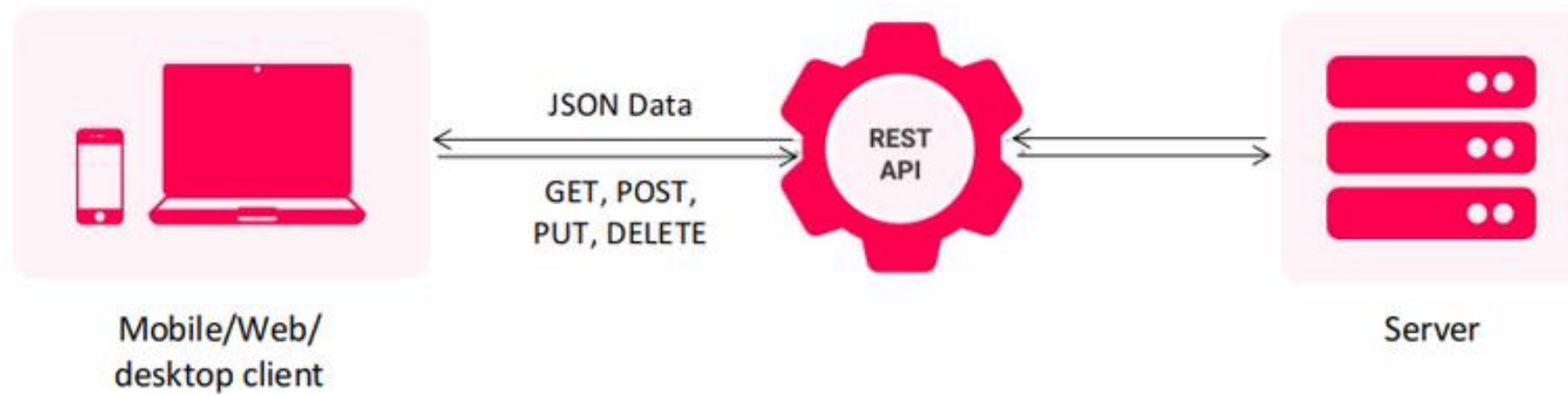


RESTful API



- Several programming languages to communicate with each other.
- Different environments (Linux, windows)
- Flexibility

REST API Model



Webgraphy

- <https://www.redhat.com/en/topics/api/what-is-a-rest-api>
- <https://restfulapi.net/>
- <https://www.opc-router.com/what-is-rest/>