



DATA ON
THE WEB

Capacitación

Mejores Prácticas de Datos en la Web

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ceweb.br

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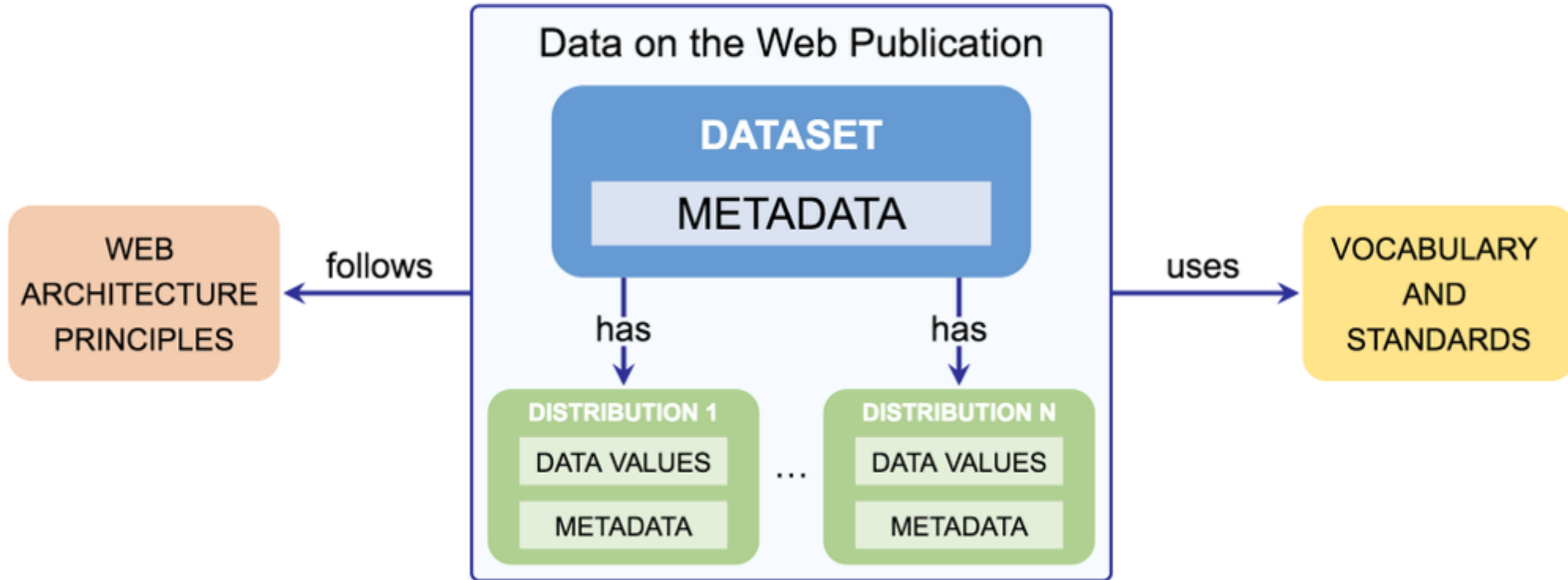
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Revisión de las Mejores Prácticas

Dataset + Distributions



Metadata

Como disponibilizar metadados para humanos e máquinas?

Data License

Como permitir ou restringir o acesso aos dados?

Provenance & Quality

Como adicionar informações sobre confiança e qualidade dos dados?

Data Versioning

Como acompanhar as diferentes versões e
disponibilizar
um histórico de versões?

Data Identifiers

Como identificar dataset e distribuições?

Data Formats

Quais formatos devo utilizar para disponibilizar dados?

Data Vocabularies

Como utilizar vocabulários para melhorar a interoperabilidade dos dados?

Data Access

Como prover acesso aos dados?

Data Preservation

Como armazenar e arquivar os dados?

Feedback

Como obter feedback dos usuários e consumidores dos dados?

Data Enrichment

Como adicionar valor aos dados?

Republication

Como reutilizar os dados de modo responsável?

BPs para Identificadores

BPs para APIs

Best Practice 9: Use persistent URIs as identifiers of datasets

BP24: Use Web Standards as the foundation of APIs

BP25: Provide complete documentation for your API

BP26: Avoid Breaking Changes to Your API

BPs para APIs

BPs para APIs

BP23: Make data available through an API

BP24: Use Web Standards as the foundation of APIs

BP25: Provide complete documentation for your API

BP26: Avoid Breaking Changes to Your API

DWBP API Documentation

API URL: `http://data.mycity.example.com/transport/api/`

List all bus routes

GET `http://data.mycity.example.com/transport/api/bus/routes`

Response

```
{
  "routes": [
    {"id": "1", "uri": "http://data.mycity.example.com/transport/bus/routes/1"},
    {"id": "3", "uri": "http://data.mycity.example.com/transport/bus/routes/3"},
    {"id": "5", "uri": "http://data.mycity.example.com/transport/bus/routes/5"},
    {"id": "8", "uri": "http://data.mycity.example.com/transport/bus/routes/8"},
    {"id": "10", "uri": "http://data.mycity.example.com/transport/bus/routes/10"},
    {"id": "12a", "uri": "http://data.mycity.example.com/transport/bus/routes/12"}
  ]
}
```

www.w3.org/TR/dwbp/dwbp-api-example.html



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