

Framing Introduction

- Structure JSON-LD by example.
- Frame is a JSON-LD document with nodes that match other nodes in the source document, and allow flattened data to be organized and filtered.

Framing Example

```
{
  "@context": {
    "@vocab": "http://example.org/",
    "contains": {"@type": "@id"}
  },
  "@graph": [{
    "@id": "http://example.org/library",
    "@type": "Library",
    "location": "Athens",
    "contains": "http://example.org/library/the-republic"
  }, {
    "@id": "http://example.org/library/the-republic",
    "@type": "Book",
    "creator": "Plato",
    "title": "The Republic",
    "contains": "http://example.org/library/the-republic#introduction"
  }, {
    "@id": "http://example.org/library/the-republic#introduction",
    "@type": "Chapter",
    "description": "An introductory chapter on The Republic.",
    "title": "The Introduction"
  }
}]
}
```

Flattened Data

```
{
  "@context": {"@vocab": "http://example.org/"},
  "@type": "Library",
  "contains": {
    "@type": "Book",
    "contains": {
      "@type": "Chapter"
    }
  }
}
```

Frame

```
{
  "@context": {"@vocab": "http://example.org/"},
  "@id": "http://example.org/library",
  "@type": "Library",
  "location": "Athens",
  "contains": {
    "@id": "http://example.org/library/the-republic",
    "@type": "Book",
    "creator": "Plato",
    "title": "The Republic",
    "contains": {
      "@id": "http://example.org/library/the-republic#introduction",
      "@type": "Chapter",
      "description": "An introductory chapter on The Republic.",
      "title": "The Introduction"
    }
  }
}
```

Framed Data