FHIR IG PackageList doco

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Format

The package-list.json is a json file (!)

Base Object

The file contains a single Base object:

```
{
  "package-id" : "[id]", // mandatory
  "title" : "[title]", // mandatory
  "canonical" : "[canonical]", // mandatory
  "introduction" : "[intro]", // optional
  "list" : [ 1..* Publication objects (see below) ]
}
```

Doco:

- id: The NPM package id for the IG
- title: a human readable name for the IG
- canonical: the URL at which this package-list.json will be published
- intro: an optional commonmark markdown describing the purpose and contents of the IG

Note: for HL7 IGs, the the contents of these elements are all derived from the IG proposal agreed to by FMG

Publication Object

Note: the order of publication objects is important - must be ordered with most recent at the top

```
{
  "version" : "[version]", // mandatory
  "date" : "[date]", // mandatory, except for ci-build entry
  "desc" : "[desc]", // mandatory
  "path" : "[path]", // mandatory
  "changes" : "[changes]", // optional
  "status" : "[status]", // mandatory
  "sequence" : "[sequence]", // mandatory, except for ci-build entry
  "fhirversion" : "x.x.x", // mandatory, except for ci-build entry
  "current" : [?current] // optional, default false
}
```

Doco:

- version: the stated version of the IG for the publication
- date: the date at which the publication was made [yyyy-mm-dd]
- path: where the publication is found. Usually at [canonical]/version or similar (absolute URL)
- desc: a text description of the publication (e.g. reason for publication)
- changes: a link within the published spec that details the changes in this version (relative URL to path)
- status: the status of the publication - one of:
  - ci-build - the continuous integration build release (not stable)
  - preview - frozen snapshot for non-ballot feedback
  - ballot - frozen snapshot for ballot
  - trial-use - official release with 'trial use' status
  - update - official release with 'trial use' status - posted as an un-balloted STU update
  - normative - official release with 'normative' status
  - trial-use+normative - official release with mixture of trial use and normative content
- sequence: which group to publish this as part of (typically, 'STU 1' etc). Groups all the ballot publications and the final publication for the ballot sequence
- fhirversion: the version of FHIR on which the IG is based
- current: true if this version should be listed in the current versions summary at the top of the history page. True for the CI-Build, and the version currently posted to the canonical URL
Note: the order of publication entries matters. The list should be ordered, with the ci-build entry first, then grouped by sequence and then from most recent to oldest in each sequence.

**CI Build**

The first entry SHALL be a reference to the CI build. This has current = true, no date, 'current' for the version, etc:

```json
{
    "version": "current",
    "desc": "Continuous Integration Build (latest in version control)",
    "path": "http://build.fhir.org/ig/HL7/[xxxx]",
    "status": "ci-build",
    "current": true
}
```

where [xxxx] is the repository name.

**Template**

```json
{
    "package-id": "id",
    "title": "title",
    "canonical": "url",
    "introduction": "md",
    "list": [{
        "version": "current",
        "desc": "Continuous Integration Build (latest in version control)",
        "path": "http://build.fhir.org/ig/HL7/xxx",
        "status": "ci-build",
        "current": true
    },
    {
        "version": "version",
        "date": "date",
        "desc": "desc",
        "changes": "link",
        "path": "url",
        "status": "status",
        "fhirversion": "4.0.0",
        "sequence": "sequence"
    }]
}
```