

## API Reference

# Harmony API

API Version: 2.0

Documentation for Harmony API.

Harmony is a tool using AI which allows you to compare items from questionnaires and identify similar content. You can try Harmony at [app.harmonydata.org](https://app.harmonydata.org) and you can read our blog at [harmonydata.org/blog/](https://harmonydata.org/blog/).

### CONTACT

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# API

## 1. HEALTH CHECK

### 1.1 GET /health-check

#### Health Check

#### REQUEST

No request parameters

#### RESPONSE

**STATUS CODE - 200:** Successful Response

**RESPONSE MODEL - application/json**

undefined

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## 2. INFO

### 2.1 GET /info/version

Show Version

#### REQUEST

No request parameters

#### RESPONSE

**STATUS CODE - 200:** Successful Response

**RESPONSE MODEL - application/json**

undefined

---

# 3. TEXT

## 3.1 POST /text/parse

### Parse Instruments

Parse PDFs or Excels or text files into Instruments, and identifies the language.

If the file is binary (Excel or PDF), you must supply each file with the content in MIME format and the bytes in base64 encoding, like the example RawFile in the schema.

If the file is plain text, supply the file content as a standard string.

### REQUEST

#### REQUEST BODY - application/json

```
[{
  Array of object:
    file_id*      string  Unique identifier for the file (UUID-4)
    file_name*    string  The name of the input file
    file_type*    enum    ALLOWED:pdf, xlsx, txt
                        The file type (pdf, xlsx, txt)
    content*      string  The raw file contents
}]
```

### RESPONSE

#### STATUS CODE - 200: Successful Response

#### RESPONSE MODEL - application/json

```
[{
  Array of object:
    file_id*      string  Unique identifier for the file (UUID-4)
    instrument_id* string  Unique identifier for the instrument (UUID-4)
    instrument_name* string Human-readable name of the instrument
    file_name*    string  The name of the input file
    file_type*    enum    ALLOWED:pdf, xlsx, txt
                        The file type (pdf, xlsx, txt)
    file_section* string  The sub-section of the file, e.g. Excel tab
    language*     enum    ALLOWED:de, el, en, es, fr, it, he, ja, ko, pt, ru,
                        uk, zh, ar, la, tr, af, ak, am, as, ay, az, be, bg,
                        bho, bm, bn, bs, ca, ceb, ckb, co, cs, cy, da, doi,
                        dv, ee, eo, et, eu, fa, fi, fil, fy, ga, gd, gl,
                        gn, gom, gu, ha, haw, hi, hmn, hr, ht, hu, hy, id,
                        ig, ilo, is, jv, ka, kk, km, kn, kri, ku, ky, lb,
                        lg, ln, lo, lt, lus, lv, mai, mg, mi, mk, ml, mn,
                        mni-mtei, mr, ms, mt, my, ne, nl, no, nso, ny, om,
                        or, pa, pl, ps, qu, ro, rw, sa, sd, si, sk, sl, sm,
                        sn, so, sq, sr, st, su, sv, sw, ta, te, tg, th, ti,
                        tk, tl, ts, tt, ug, ur, uz, vi, xh, yi, yo, zh-tw,
                        zu, yue
                        The ISO 639-2 (alpha-2) encoding of the instrument language

    questions* [{
      Array of object:
        question_no* string  Number of the question
        question_intro* string Introductory text applying to the question
    ]
  }
```

```

    question_text*  string    Text of the question
    options*        [string]
    source_page*    integer    The page of the PDF on which the question was located, zero-indexed
  }
}
```

**STATUS CODE - 422: Validation Error**

**RESPONSE MODEL - application/json**

```

{
  detail [{
    Array of object:
    loc*
      ANY OF
      prop0
        string
      prop1
        integer
    msg*  string
    type* string
  }]
}
```

## 3.2 POST /text/match

### Match

Match instruments

### REQUEST

**REQUEST BODY - application/json**

```

{
  instruments* [{
    Array of object:
    file_id*      string    Unique identifier for the file (UUID-4)
    instrument_id* string    Unique identifier for the instrument (UUID-4)
    instrument_name* string    Human-readable name of the instrument
    file_name*     string    The name of the input file
    file_type*     enum      ALLOWED:pdf, xlsx, txt
                                The file type (pdf, xlsx, txt)
    file_section*  string    The sub-section of the file, e.g. Excel tab
    language*     enum      ALLOWED:de, el, en, es, fr, it, he, ja, ko, pt, ru, uk,
                                zh, ar, la, tr, af, ak, am, as, ay, az, be, bg, bho,
                                bm, bn, bs, ca, ceb, ckb, co, cs, cy, da, doi, dv, ee,
                                eo, et, eu, fa, fi, fil, fy, ga, gd, gl, gn, gom, gu,
                                ha, haw, hi, hmn, hr, ht, hu, hy, id, ig, ilo, is, jv,
                                ka, kk, km, kn, kri, ku, ky, lb, lg, ln, lo, lt, lus,
                                lv, mai, mg, mi, mk, ml, mn, mni-mtei, mr, ms, mt, my,
                                ne, nl, no, nso, ny, om, or, pa, pl, ps, qu, ro, rw,
                                sa, sd, si, sk, sl, sm, sn, so, sq, sr, st, su, sv, sw,
                                ta, te, tg, th, ti, tk, tl, ts, tt, ug, ur, uz, vi, xh,
                                yi, yo, zh-tw, zu, yue
                                The ISO 639-2 (alpha-2) encoding of the instrument language

    questions* [{
      Array of object:
      question_no*  string    Number of the question
      question_intro* string    Introductory text applying to the question
    ]
  }]
}
```

```

        question_text*  string    Text of the question
        options*        [string]
        source_page*    integer    The page of the PDF on which the question was located, zero-indexed
    }
}
parameters* {
Parameters on how to match
    framework* string    The framework to use for matching
    model*      string    Model
}
}

```

## RESPONSE

**STATUS CODE - 200: Successful Response**

**RESPONSE MODEL - application/json**

[undefined]

**STATUS CODE - 422: Validation Error**

**RESPONSE MODEL - application/json**

```

{
  detail [{
Array of object:
    loc*
      ANY OF
      prop0
        string
      prop1
        integer
    msg*  string
    type* string
  }]
}

```

---

