

Guido

API

Festum

returns the closest feast day details for a given date

```
f = guido.festum(date, {form})
```

Cantus

returns a collection of chants

```
c = guido.cantus({offices,modes,incipit,source})
```

```
c = guido.propruim(f, {offices,modes,source})
```

```
c = guido.ordinarium(f, {offices,modes,source})
```

```
c = guido.ordo(f, {offices,modes,source})
```

Notae

parses gabc returns methods for output

```
n = guido.nota(c, {prosody, rubrics, humanize, transpose, scale, comma, LA4})
```

Output Methods

```
n.midi({options}) // midi file
```

```
n.tabula({options}) // data table
```

```
n.scola({options}) // musical analysis
```

```
n.reliquum({options}) // sonic residue
```

```
n.verbum({options}) // words / text
```

Public Helpers

```
t = guido.temper({mode, scale, comma, LA4})
```

```
t.notum(name|midi|solfege)
```

```
guido.modus(mode, {options})
```

```
guido.missa(mass)
```

```
guido.calendarium(year, {form, algo})
```

```
guido.roman(number|string)
```

Structure

```
/data
/tools
/tests
/src
  guido.js
  /festum
    festum.js
    calendarium.js
    missa.js
    tempus.js
  /data
    constants.js // provides import access to JSON and const
    calendar.json
    masses.json
  /cantus
    cantus.js
    proprium.js
    ordinarium.js
    ordo.js
  /data
    constants.js
    ...chant data and indexes json
  /notae
    notae.js
    temper.js
    manus.js
    modus.js
    scala.js
  /data
    constants.js
    modes.json
    guidoian_hand.json
    formants.json
  /midi
    midi.js
    midienhanser.js
    midiwriter.js
  /scola
    scola.js
    [other files]
  /tabula
    tabula.js
    [other files]
  /reliquum
    reliquum.js
    [other files]
  /verbum
    varbum.js
    [other files]
  /aux
    aux.js
```