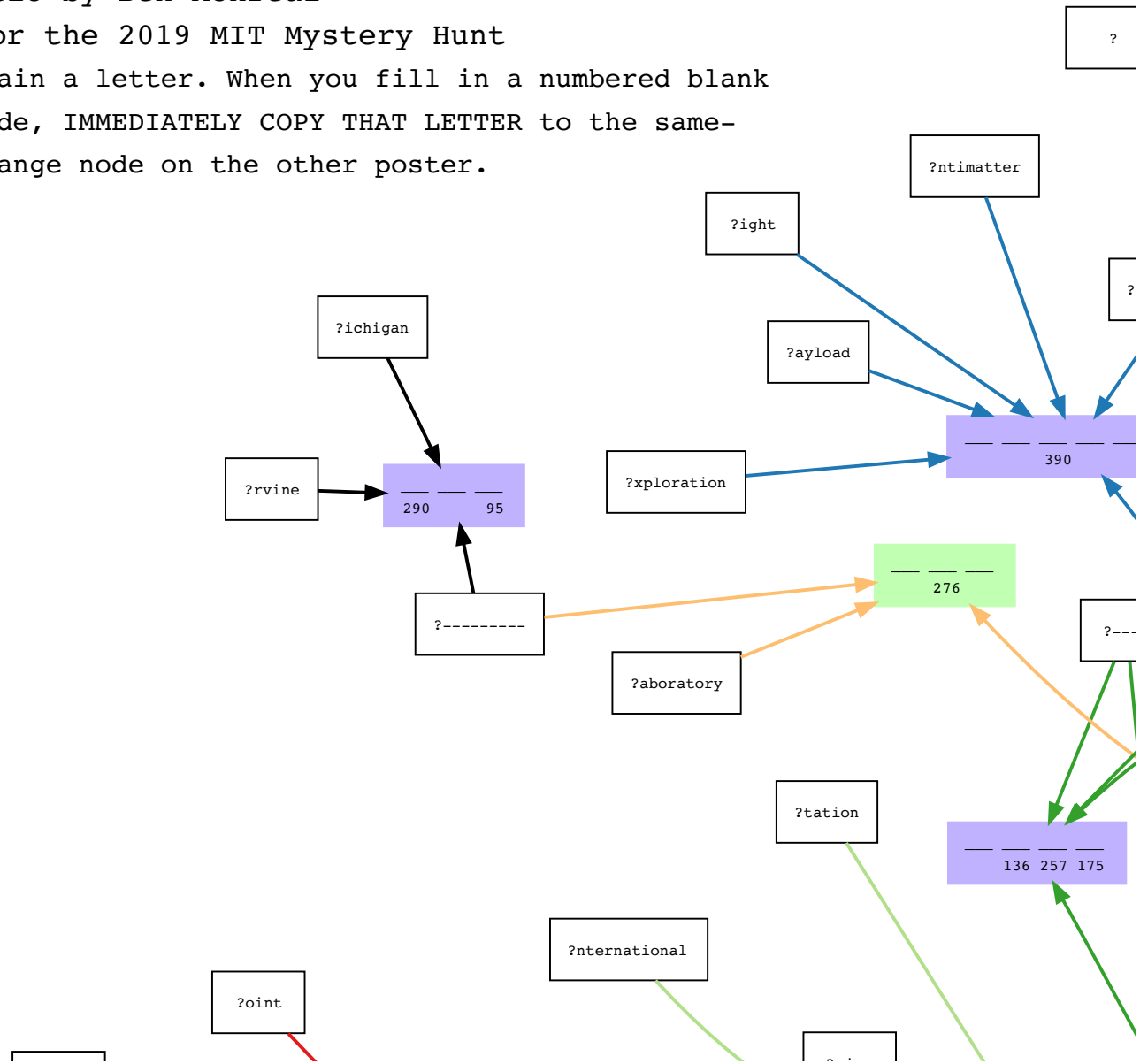
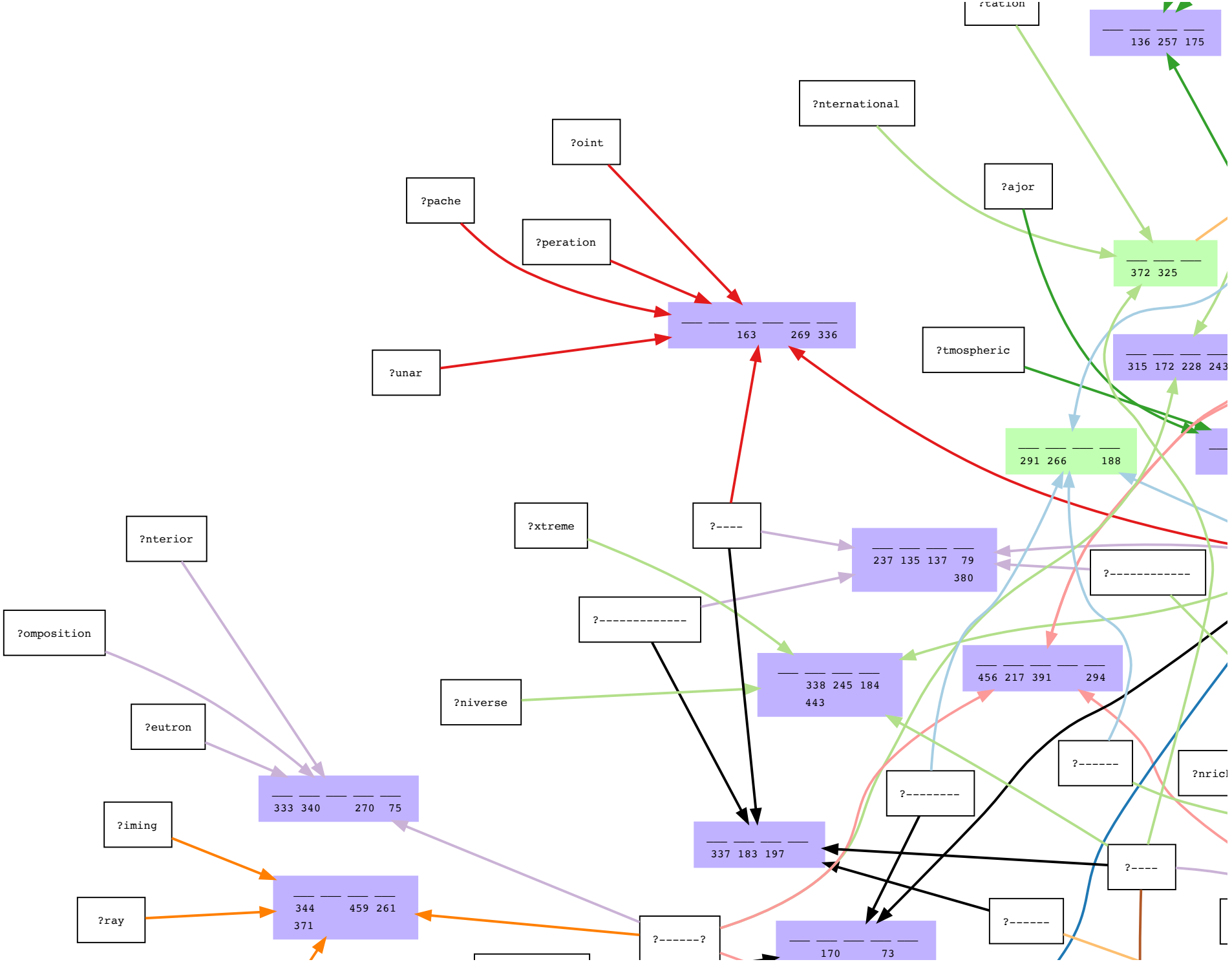
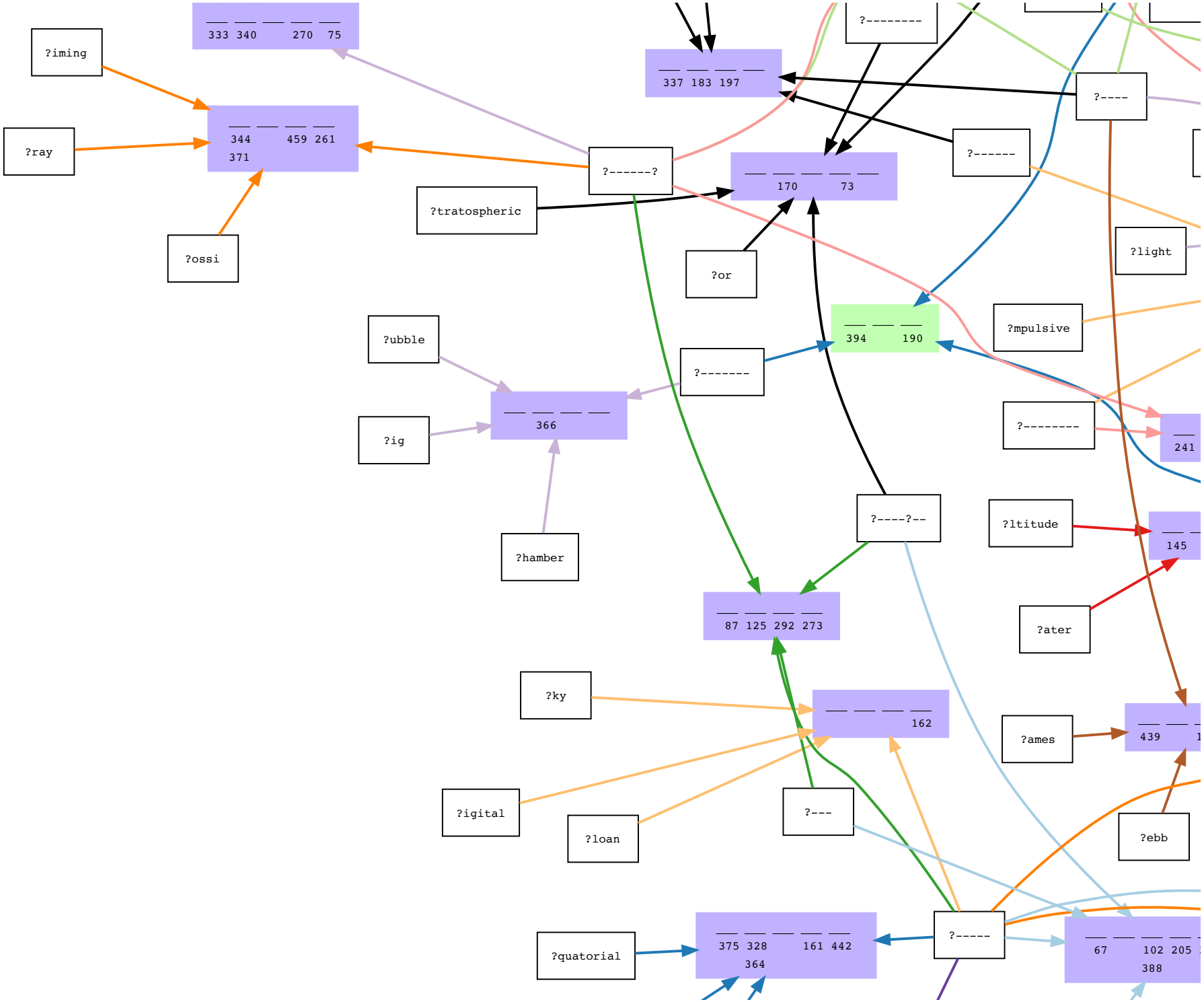
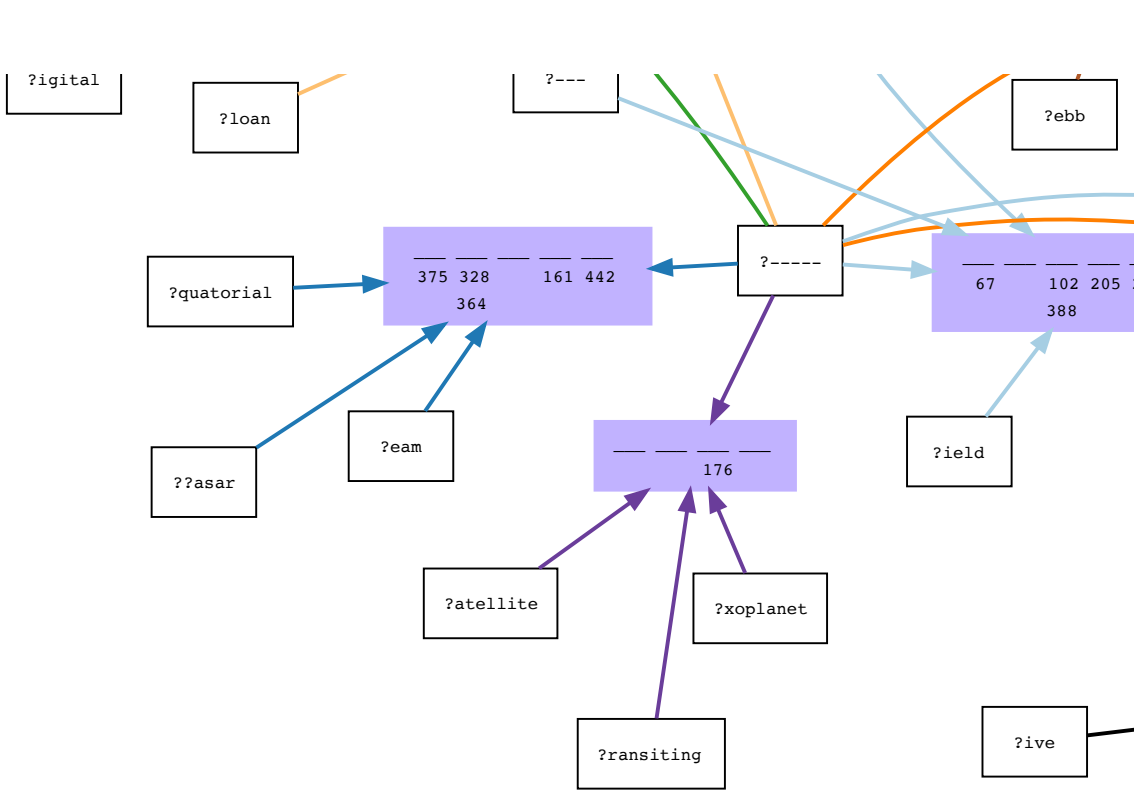
# Common English Research Nomenclature

A giant puzzle acrostic by Ben Monreal
Originally written for the 2019 MIT Mystery Hunt
Every blank should contain a letter. When you fill in a numbered blank on a green or purple node, IMMEDIATELY COPY THAT LETTER to the same-numbered blank in an orange node on the other poster.

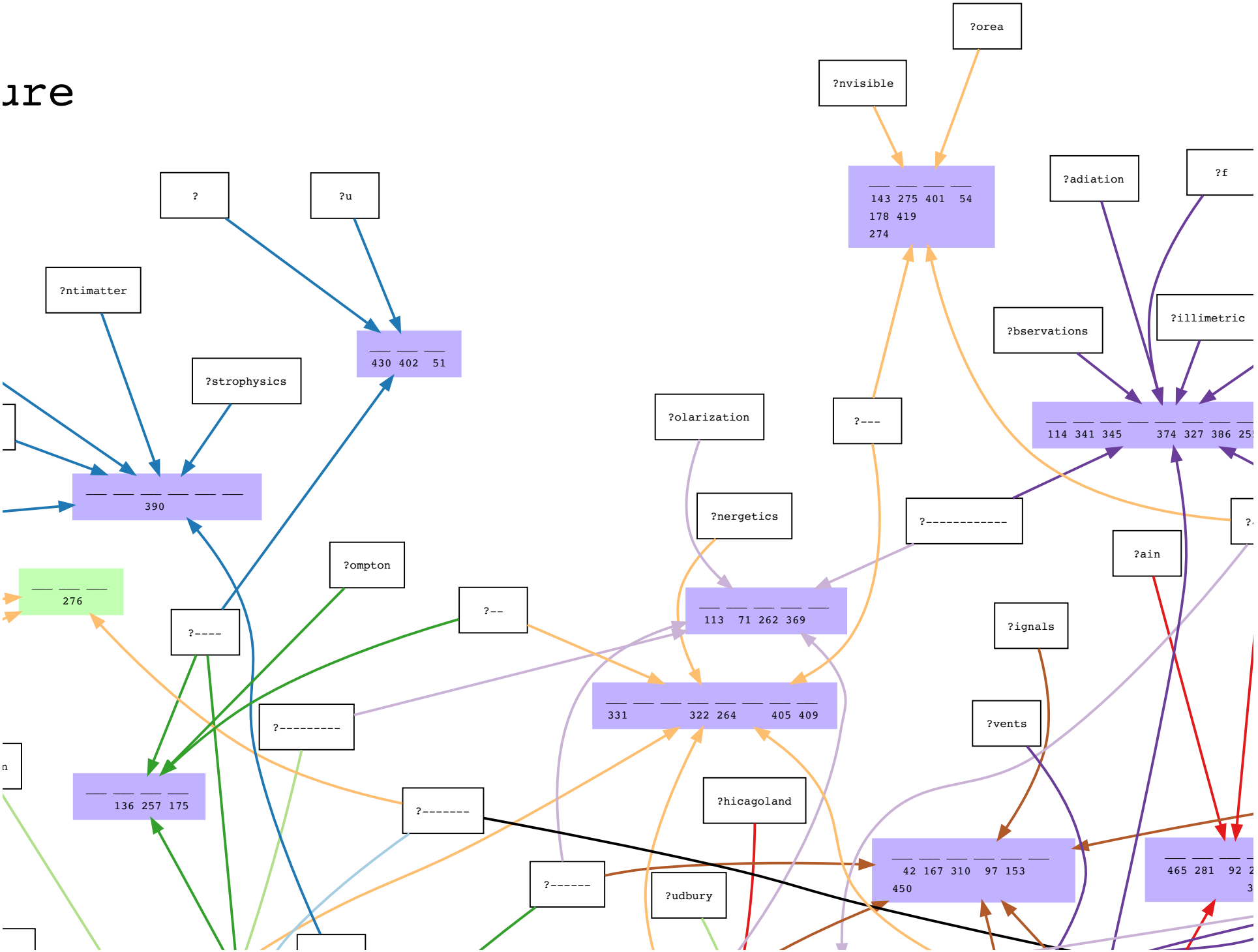


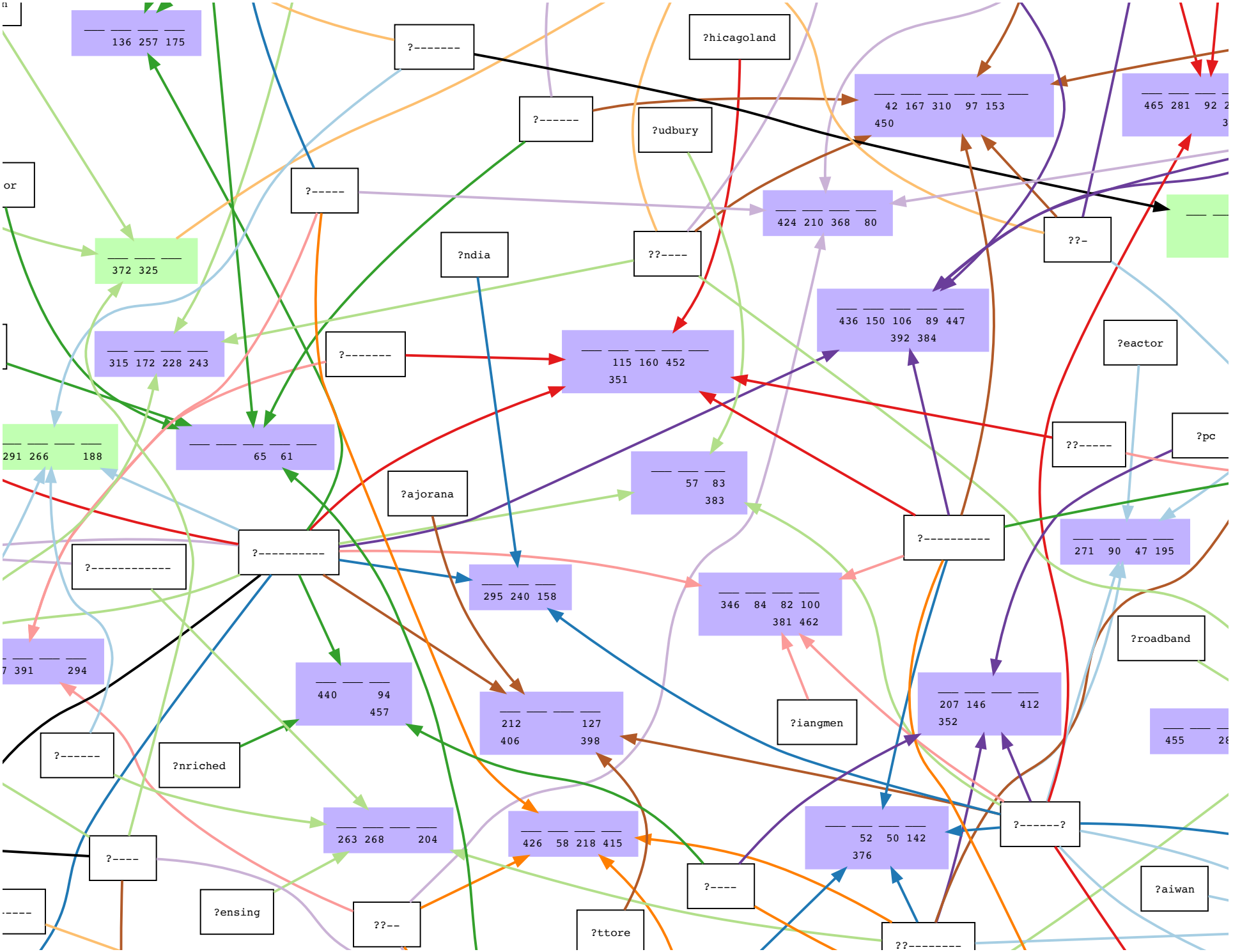

?ation
___ ___ ___ ___
136 257 175
?nternational
?oint
?pache
?peration
?ajor
___ ___ ___
372 325
___ ___ ___ ___ ___ ___
163 269 336
?unar
?tmospheric
___ ___ ___ ___
315 172 228 243
___ ___ ___ ___
291 266 188
?nterior
?xtreme
?----
___ ___ ___ ___
237 135 137 79
380
?----------
?omposition
?----------
?eutron
___ ___ ___ ___
338 245 184
443
?niverse
___ ___ ___ ___ ___
456 217 391 294
?------
?nrich
?--------
___ ___ ___ ___ ___
333 340 270 75
?iming
___ ___ ___ ___
337 183 197
?-----
___ ___ ___ ___
344 459 261
371
?ray
?------
?------?
___ ___ ___ ___ ___
170 73

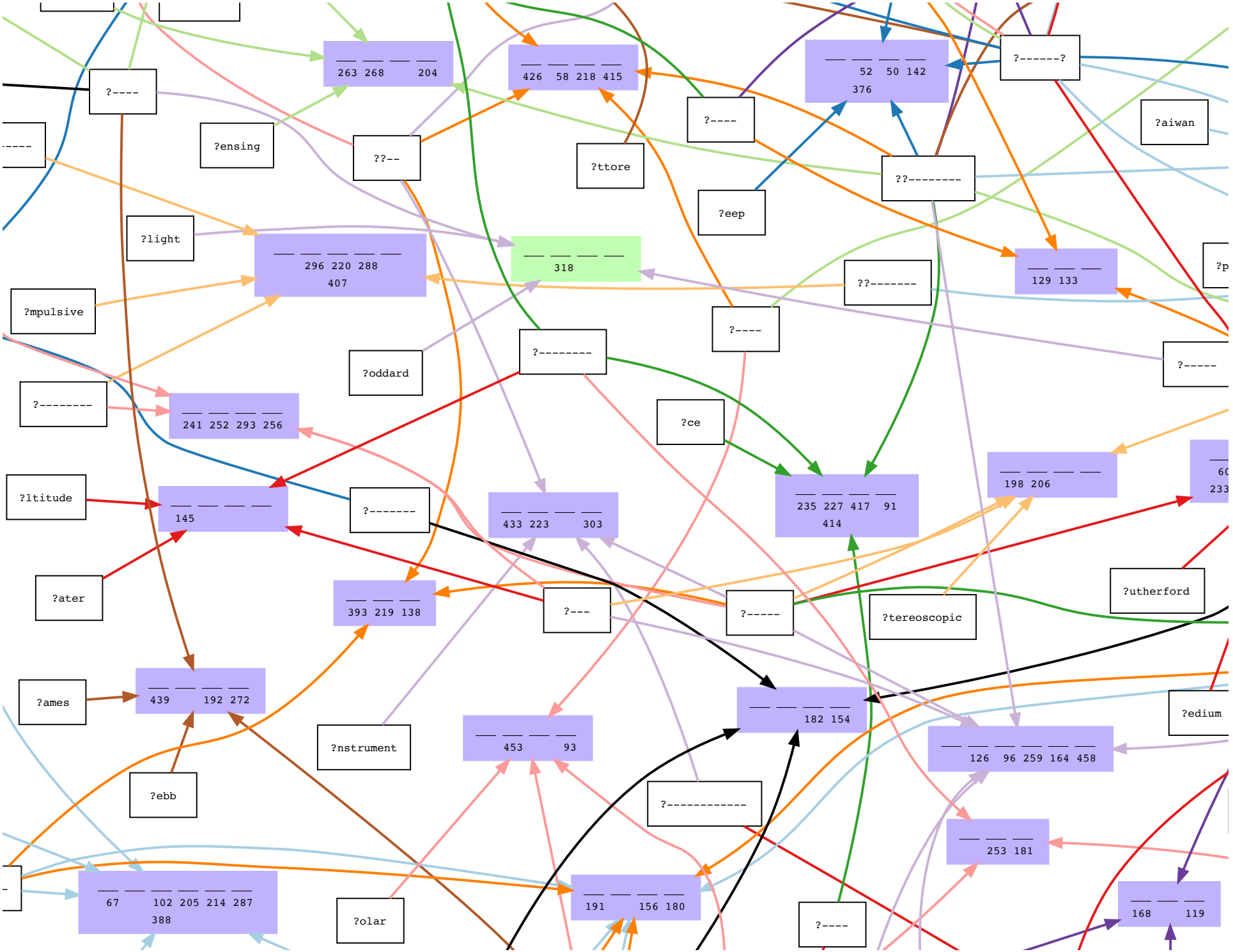

333 340 270 75
?iming
?ray
344 459 261 371
?ossi
?------?
337 183 197
?--------
?----
?------
?tratospheric
170 73
?or
?light
?ubble
394 190
?mpulsive
?-------
?ig
366
?--------
241
?hamber
?----?--
?ltitude
145
87 125 292 273
?ater
?ky
162
?ames
439
?igital
?loan
?---
?ebb
?quatorial
375 328 161 442 364
?-----
67 102 205 388

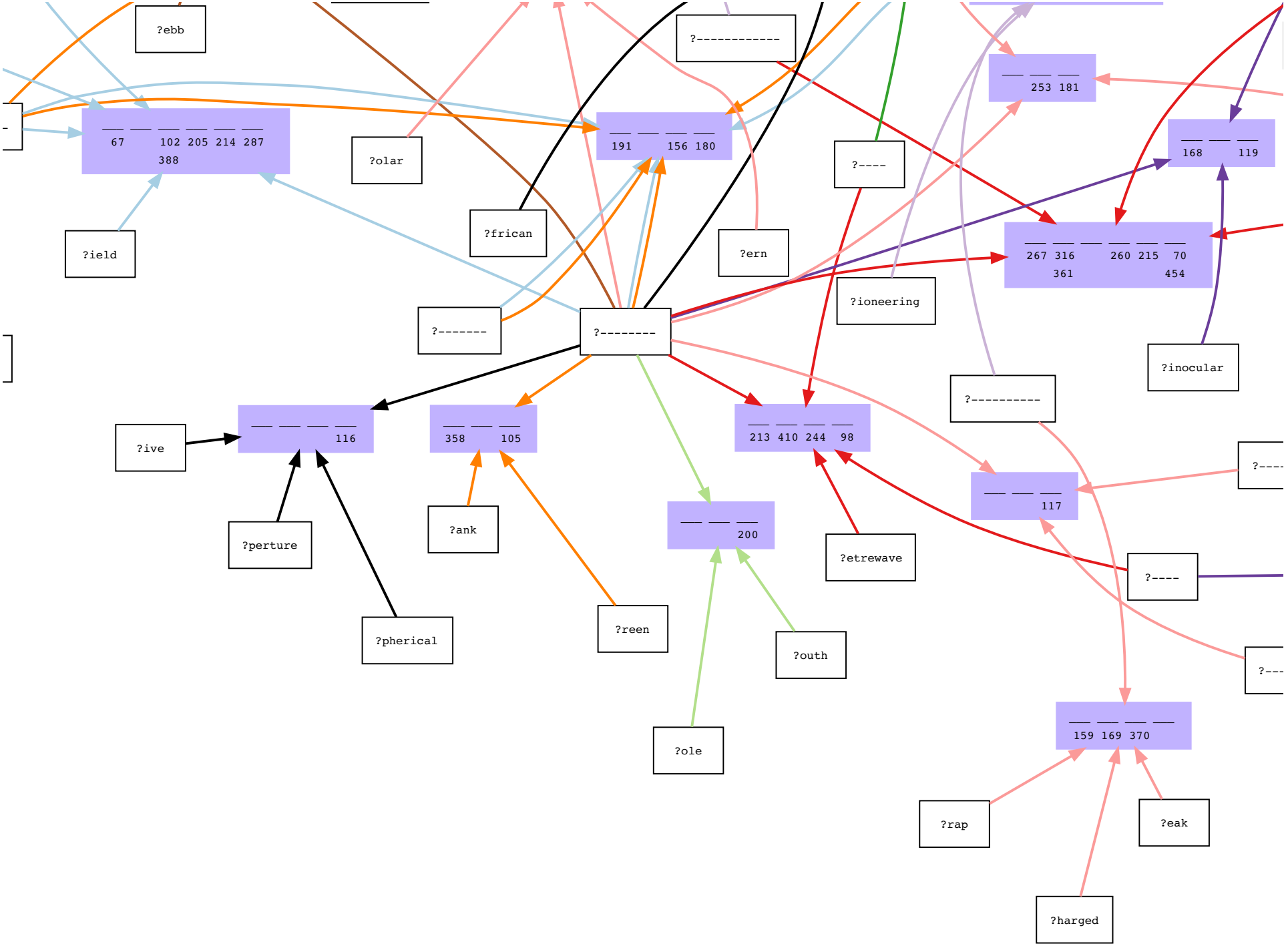

?igital
?loan
?---
?ebb
?quatorial
375 328 364
161 442
?-----
67
102 205
388
??asar
?eam
176
?ield
?atellite
?xoplanet
?ransiting
?ive

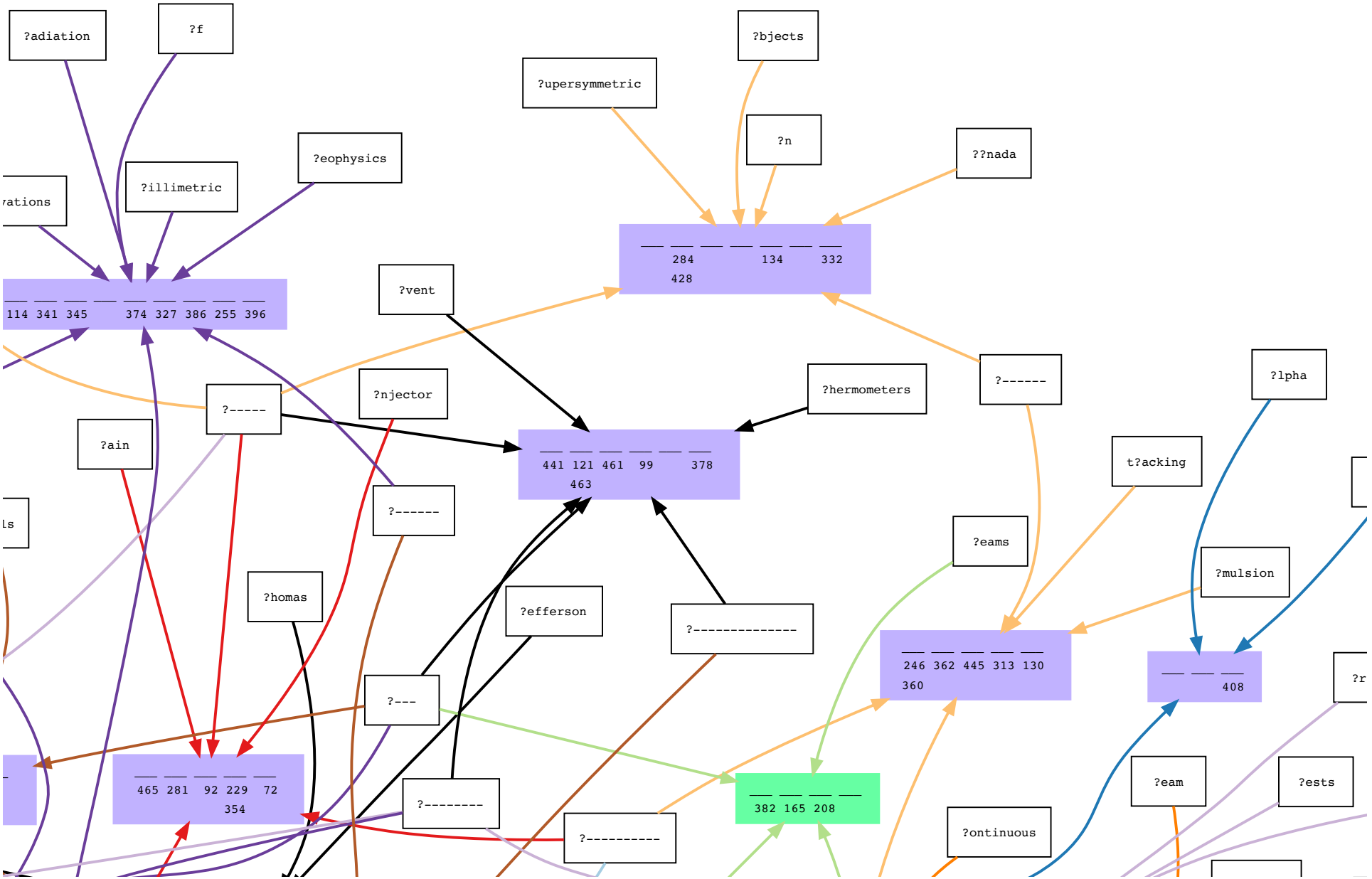
# ure

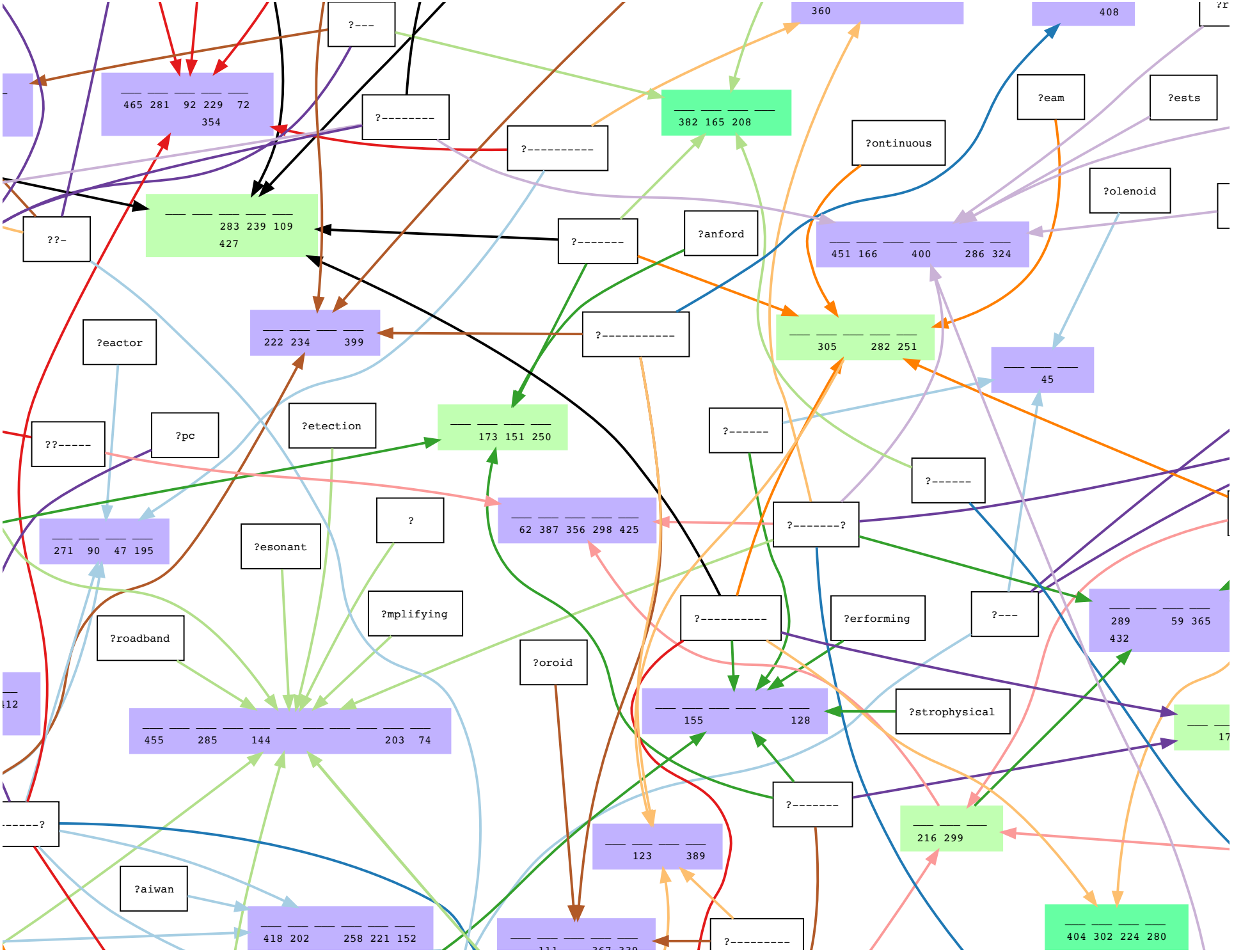

?orea
?nvisible
143 275 401 54
178 419
274
?adiation
?f
?
?u
?ntimatter
430 402 51
?bservations
?illimetric
?strophysics
?olarization
?---
114 341 345 374 327 386 25
390
?nergetics
?----------
?ain
?ompton
276
?----
?--
113 71 262 369
?ignals
331 322 264 405 409
?---------
?vents
136 257 175
?hicagoland
?-------
42 167 310 97 153
450
?------
?udbury
465 281 92

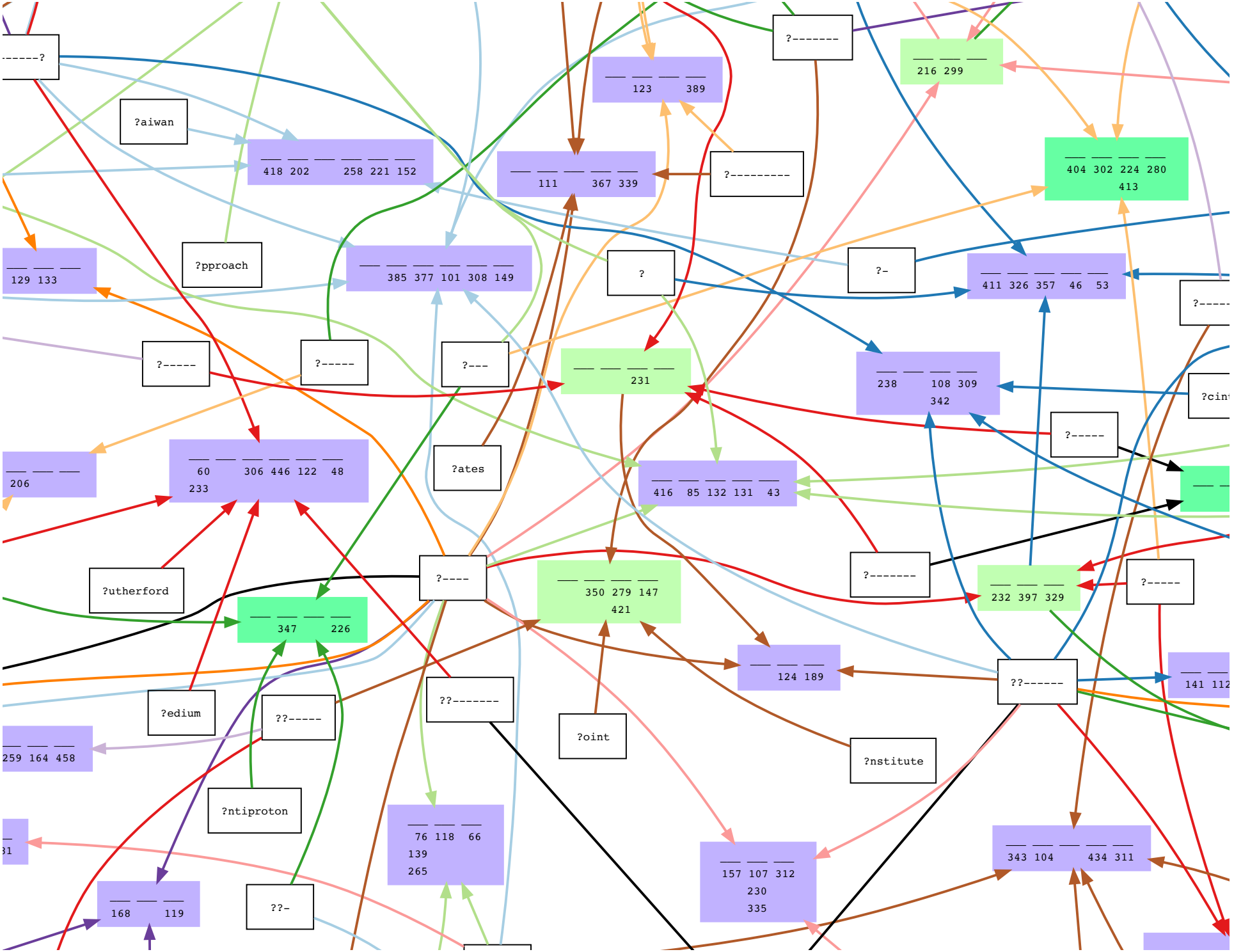

136 257 175
?-------
?hicagoland
42 167 310 97 153
450
?udbury
?------
?-----
424 210 368 80
??-
372 325
?ndia
??----
436 150 106 89 447
392 384
315 172 228 243
?-------
115 160 452
351
?eactor
65 61
?pc
??-----
57 83
383
?ajorana
?----------
?----------
271 90 47 195
295 240 158
346 84 82 100
381 462
?roadband
440 94
457
212 127
406 398
?iangmen
207 146 412
352
?------
?nriched
?------?
263 268 204
426 58 218 415
52 50 142
376
?----
?aiwan
?ensing
??--
?ttore
??---------

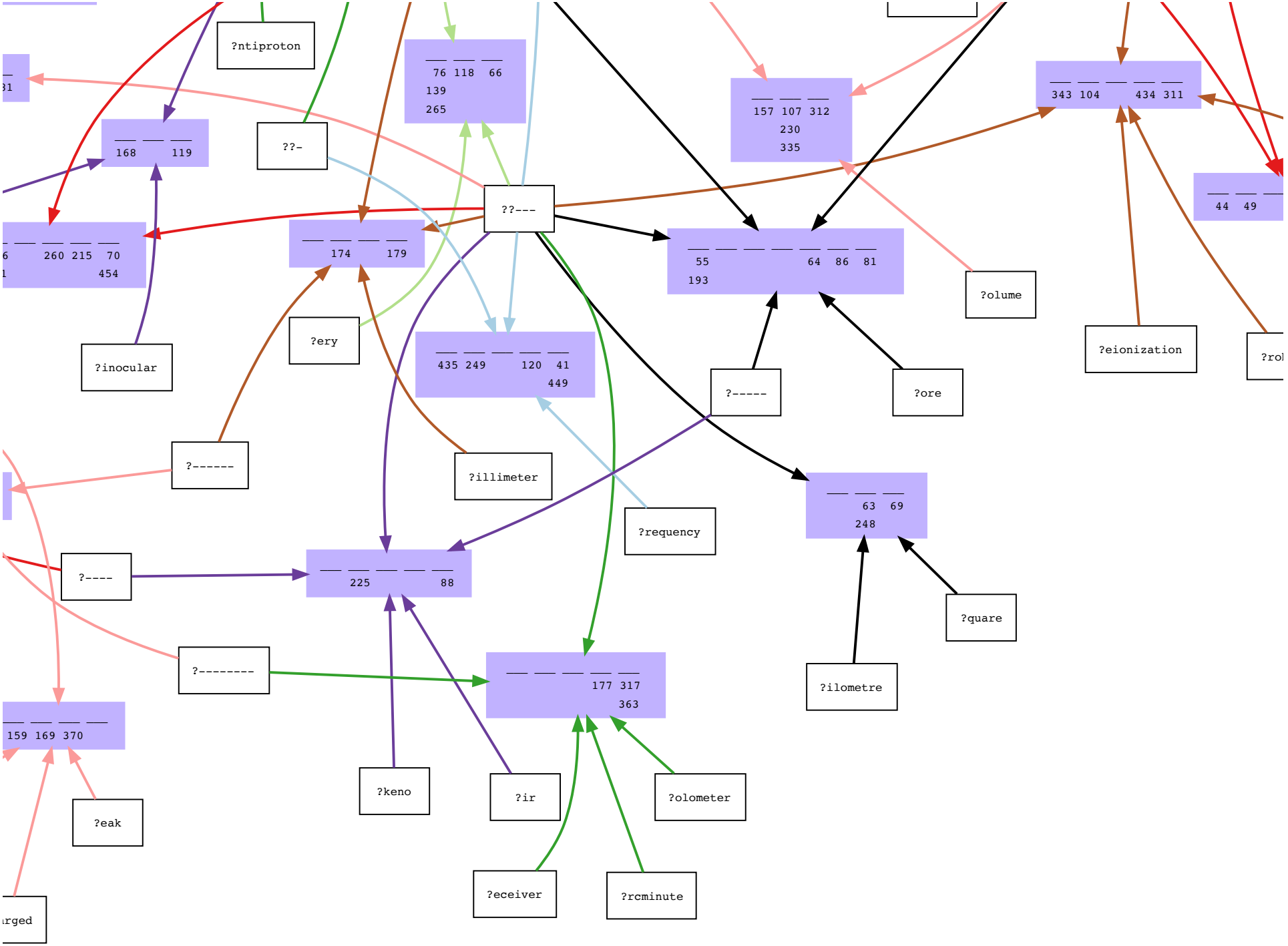

?-----
?ensing
?light
?mpulsive
?ltitude
?ater
?ames
?ebb
?olar
?nstrument
?oddard
?ce
?ttore
?eep
?aiwan
?utherford
?tereoscopic
?edium
?-------?
??--
??--------
??-------
?-------
?---
?------------
263 268 204
426 58 218 415
52 50 142
376
296 220 288
407
318
129 133
241 252 293 256
145
433 223 303
235 227 417 91
414
198 206
393 219 138
439 192 272
182 154
453 93
126 96 259 164 458
253 181
67 102 205 214 287
388
191 156 180
168 119

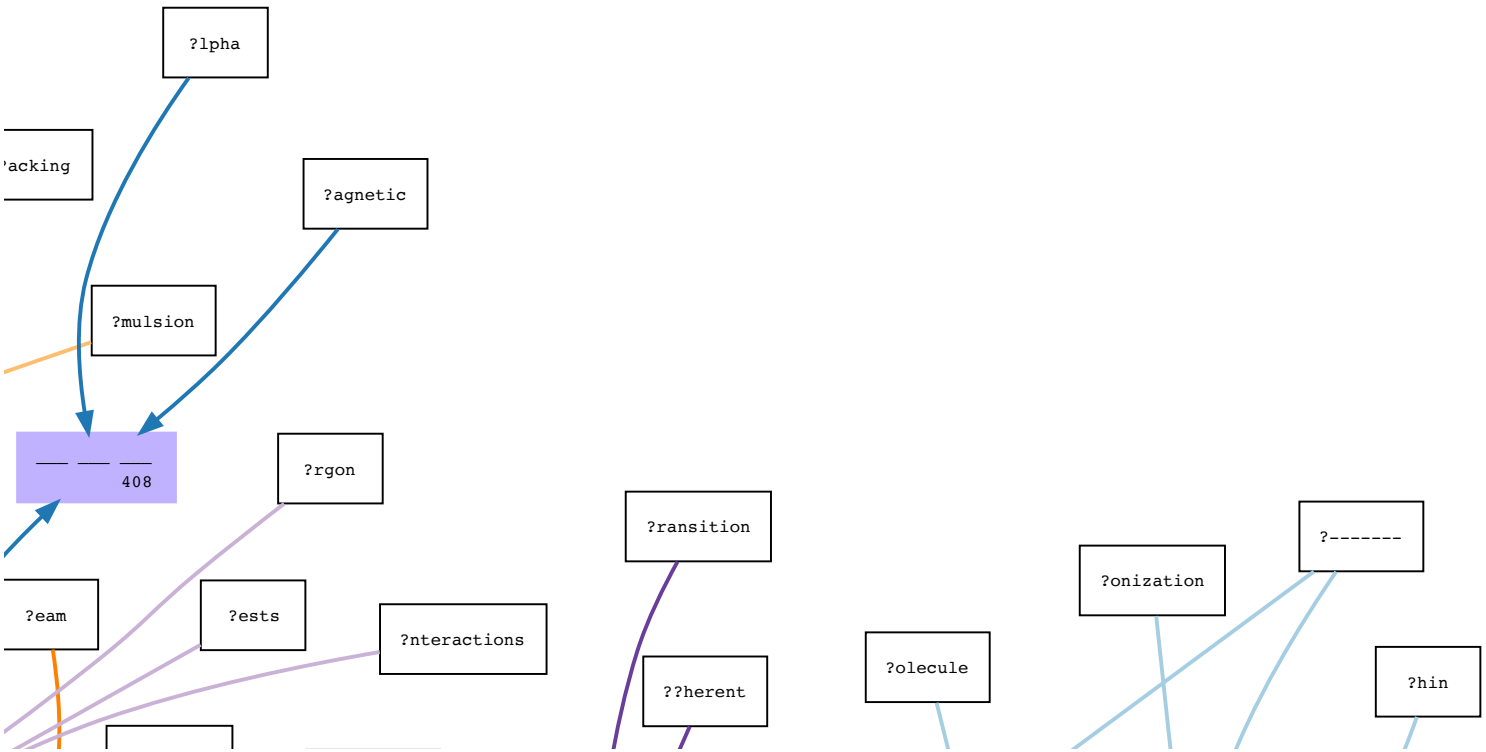

?ebb
67 102 205 214 287 388
?olar
?ield
?frican
191 156 180
?----------
?ern
?----
253 181
168 119
267 316 361 260 215 454
?ioneering
?inocular
?--------
?-------
?ive
116
?perture
?pherical
358 105
?ank
?reen
200
?ole
?outh
213 410 244 98
?etrewave
?----------
117
?----
?----
?---
159 169 370
?rap
?eak
?harged

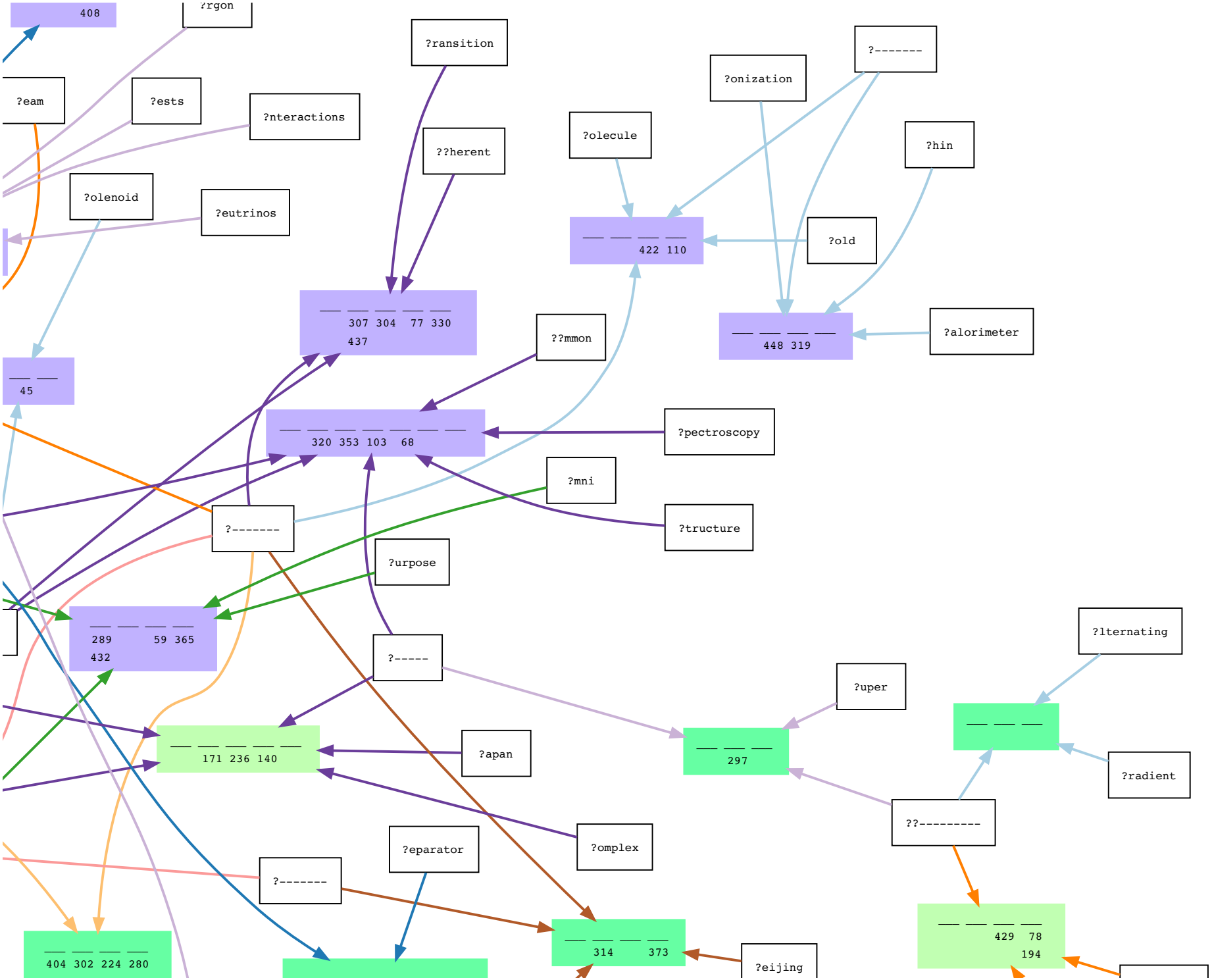

?adiation
?f
?upersymmetric
?bjects
?n
??nada
?eophysics
?illimetric
?vent
?njector
?hermometers
?------
?lpha
?-----
?ain
?------
t?acking
?eams
?homas
?efferson
?----------
?mulsion
?---
?--------
?----------
?ontinuous
?eam
?ests
?r
284 428
134
332
114 341 345
374 327 386 255 396
441 121 461 463
99
378
246 362 445 313 130 360
408
465 281 354
92 229
72
382 165 208

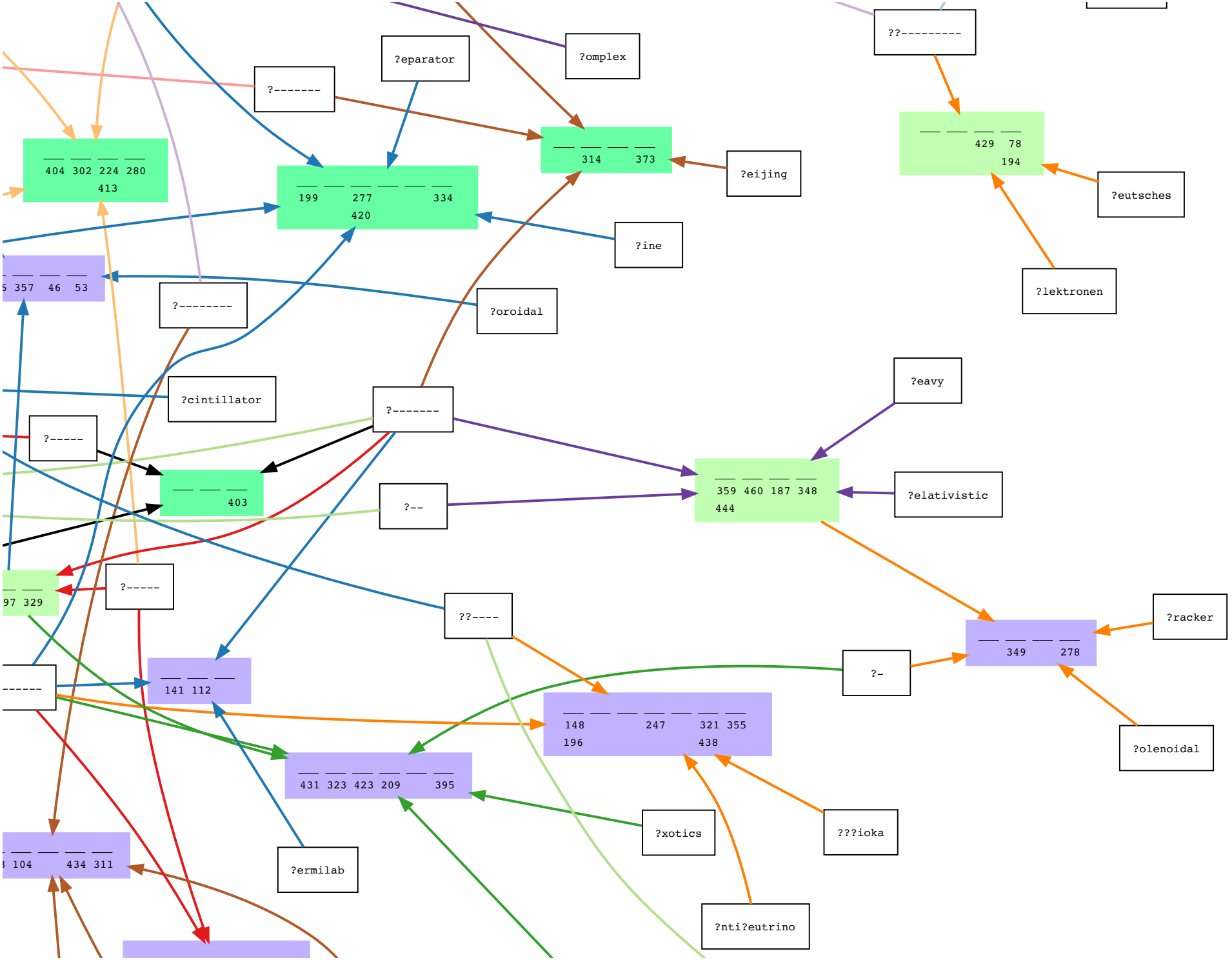

?---
465 281 92 229 72 354
?--------
?----------
360
382 165 208
408
?eam
?ests
?ontinuous
?olenoid
??-
283 239 109 427
?-------
?anford
451 166 400 286 324
222 234 399
?----------
?eactor
305 282 251
45
??-----
?pc
?etection
173 151 250
?------
?------
271 90 47 195
?esonant
?
62 387 356 298 425
?-------?
?roadband
?mplifying
?----------
?erforming
?---
289 59 365 432
?oroid
455 285 144 203 74
155 128
?strophysical
?-------
216 299
123 389
?aiwan
418 202 258 221 152
?---------
404 302 224 280

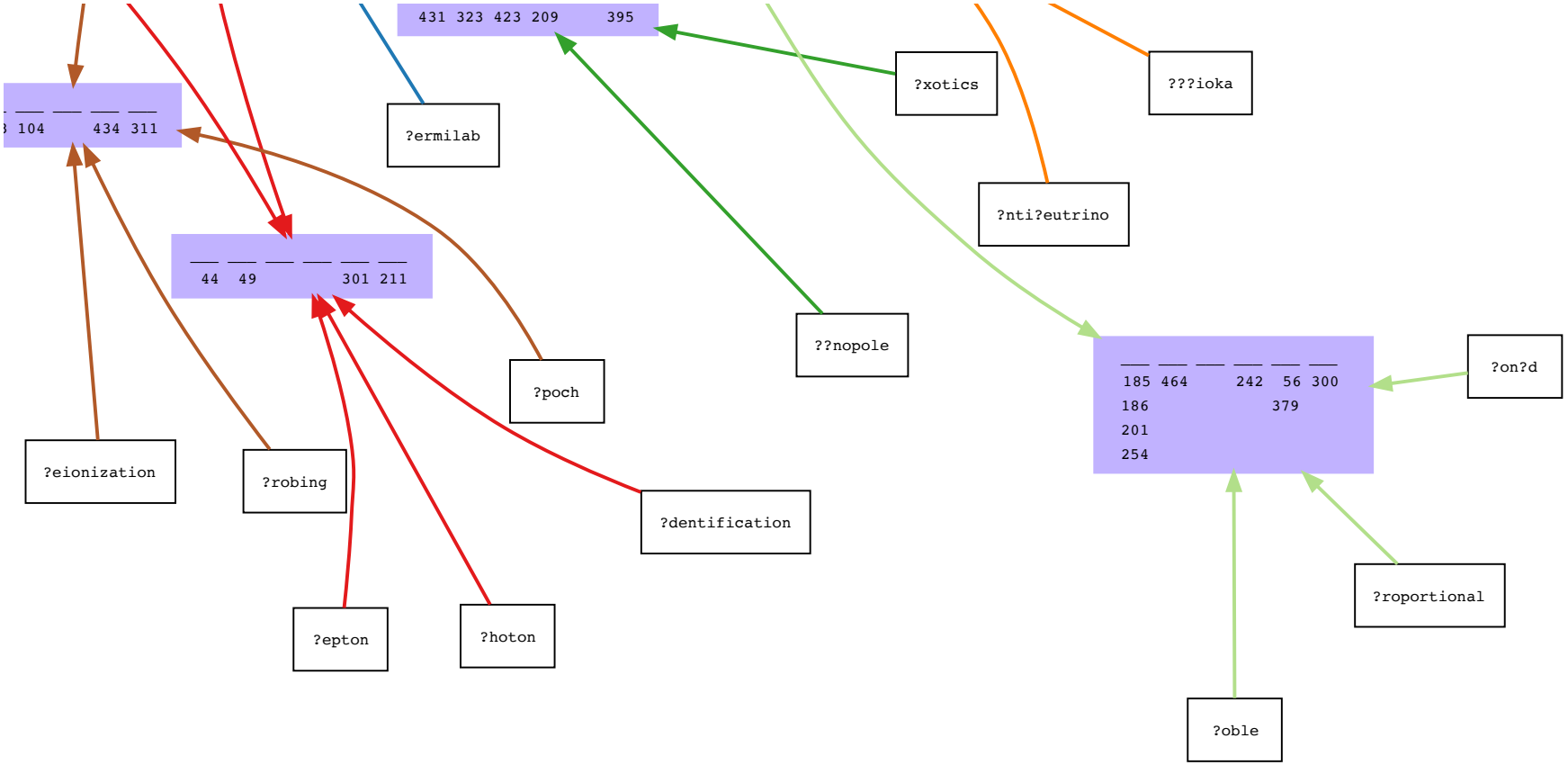

?aiwan
418 202 258 221 152
123 389
?--------
216 299
111 367 339
?---------
404 302 224 280 413
129 133
?pproach
385 377 101 308 149
?
?-
411 326 357 46 53
?-----
?-----
?-----
?---
231
238 108 309 342
?cin
?-----
206
60 306 446 122 48 233
?ates
416 85 132 131 43
?utherford
?----
350 279 147 421
?--------
232 397 329
?-----
347 226
124 189
??------
?edium
??-----
??--------
?oint
?nstitute
259 164 458
?ntiproton
76 118 66 139 265
157 107 312 230 335
343 104 434 311
168 119
??-
141 112


?ntiproton
76 118 66
139
265
157 107 312
230
335
343 104 434 311
168 119
??-
??---
260 215 70
454
174 179
55 64 86 81
193
?olume
?eionization
?inocular
?ery
435 249 120 41
449
?-----
?ore
?------
?illimeter
?requency
63 69
248
?----
225 88
?quare
?--------
177 317
363
?ilometre
159 169 370
?keno
?ir
?olometer
?eak
?eceiver
?rcminute


?lpha
'acking
?agnetic
?mulsion
___ ___ ___
408
?rgon
?ransition
?onization
?-------
?olecule
?hin
?eam
?ests
?nteractions
??herent

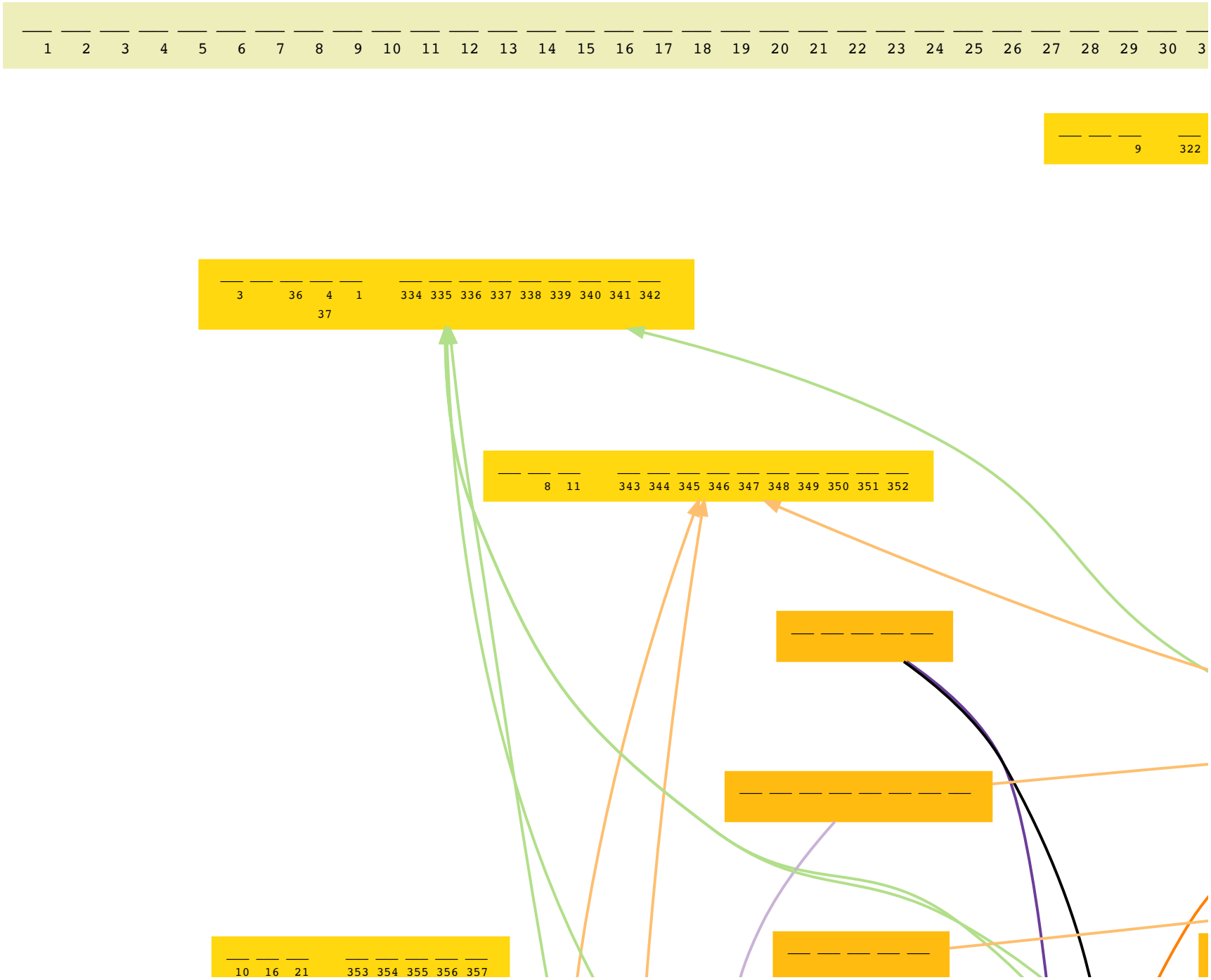

408
?rgon
?ransition
?eam
?ests
?nteractions
??herent
?olecule
?onization
?-------
?hin
?olenoid
?eutrinos
422 110
?old
307 304 77 330
437
??mmon
448 319
?alorimeter
45
320 353 103 68
?pectroscopy
?mni
?-------
?tructure
?urpose
289 59 365
432
?-----
?lternating
?uper
?apan
297
?adient
171 236 140
??---------
?omplex
?eparator
?-------
404 302 224 280
314 373
?eijing
429 78
194


?omplex
?eparator
?-------
??---------
404 302 224 280
413
199 277 334
420
314 373
?eijing
429 78
194
?eutsches
?ine
?lektronen
357 46 53
?--------
?oroidal
?cintillator
?eavy
?-------
?-----
403
?--
359 460 187 348
444
?elativistic
97 329
?-----
??----
?racker
349 278
?-
141 112
148 247 321 355
196 438
?olenoidal
431 323 423 209 395
?xotics
???ioka
104 434 311
?ermilab
?nti?eutrino

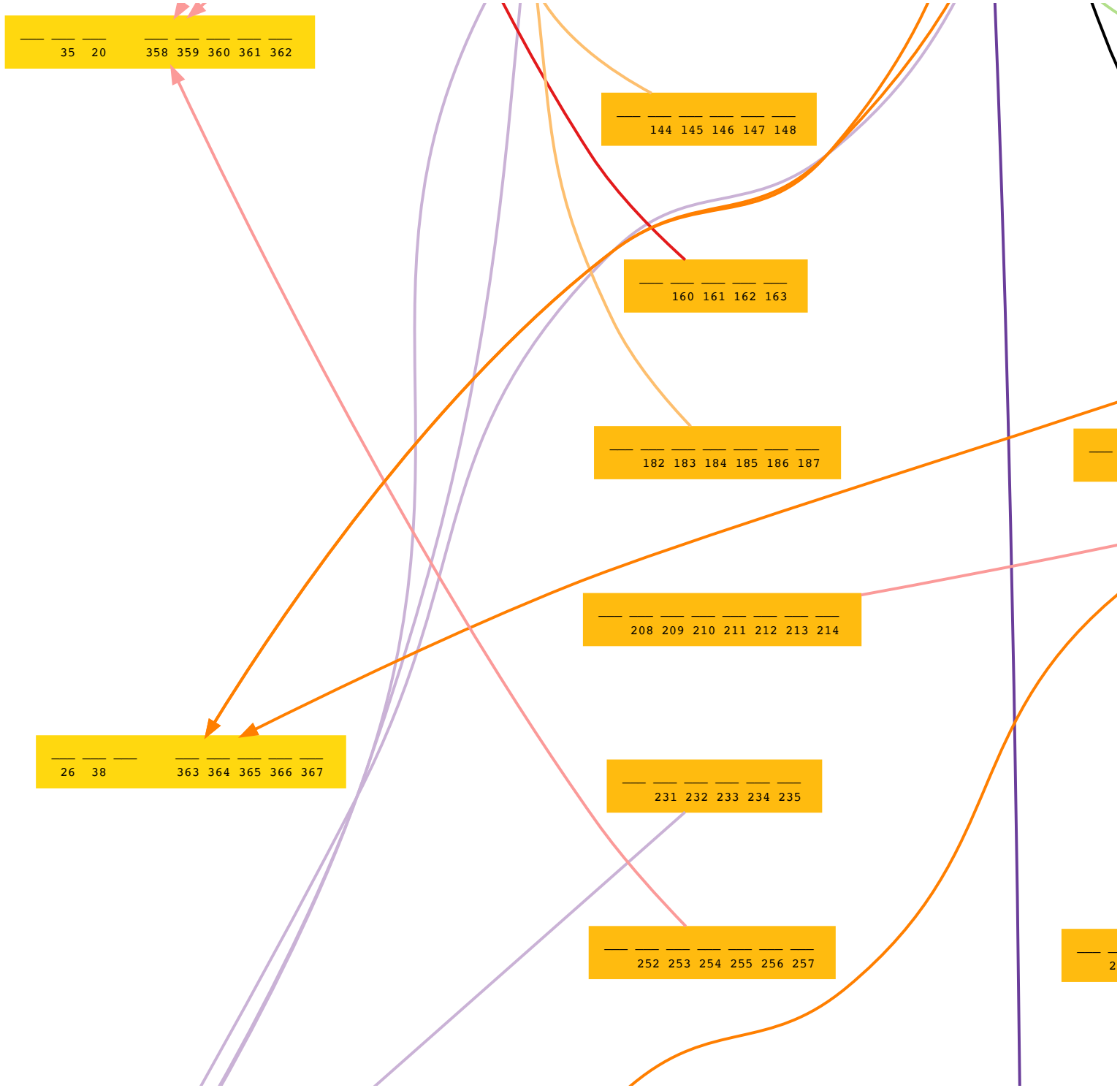


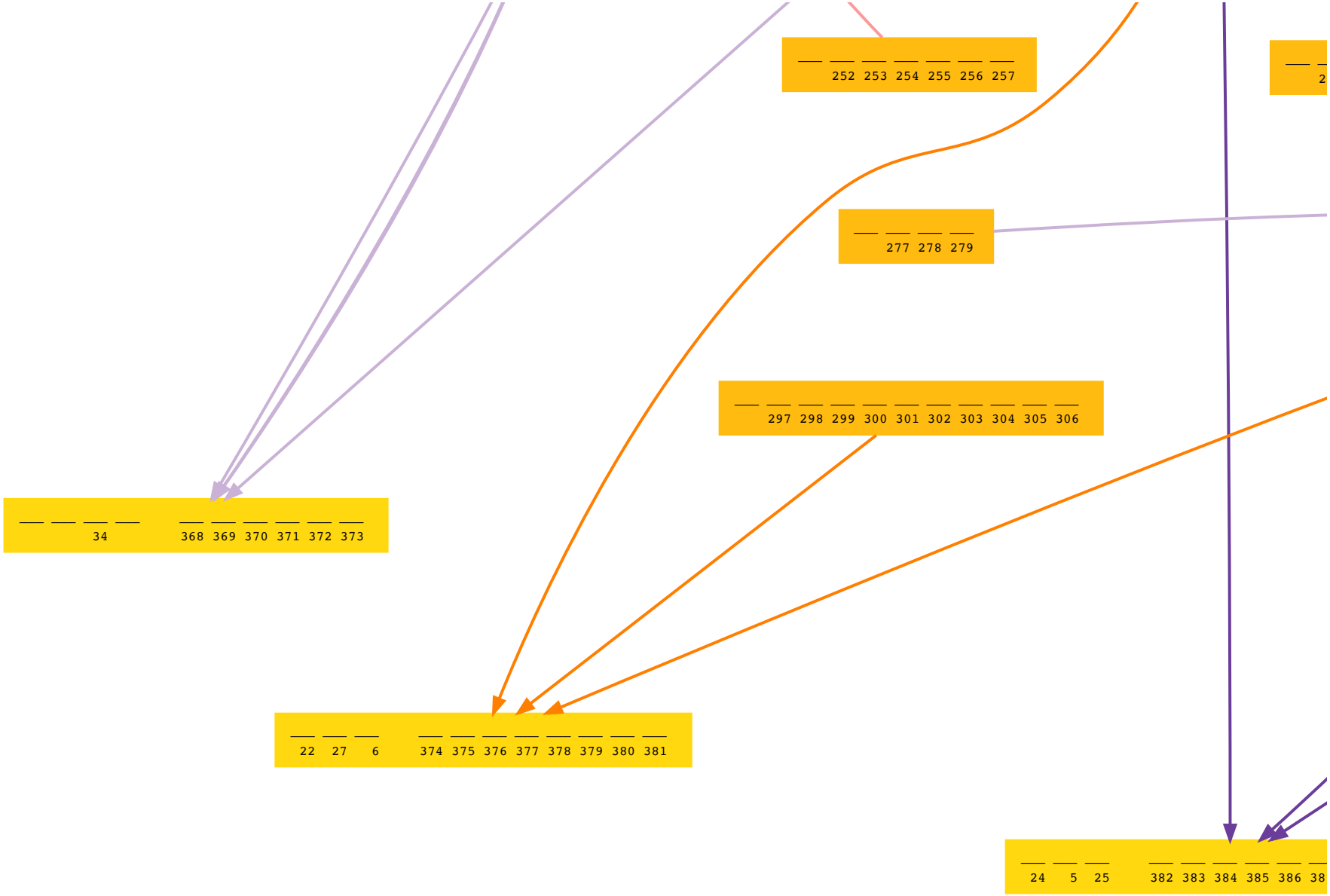

CASE WESTERN RESERVE UNIVERSITY EST. 1826

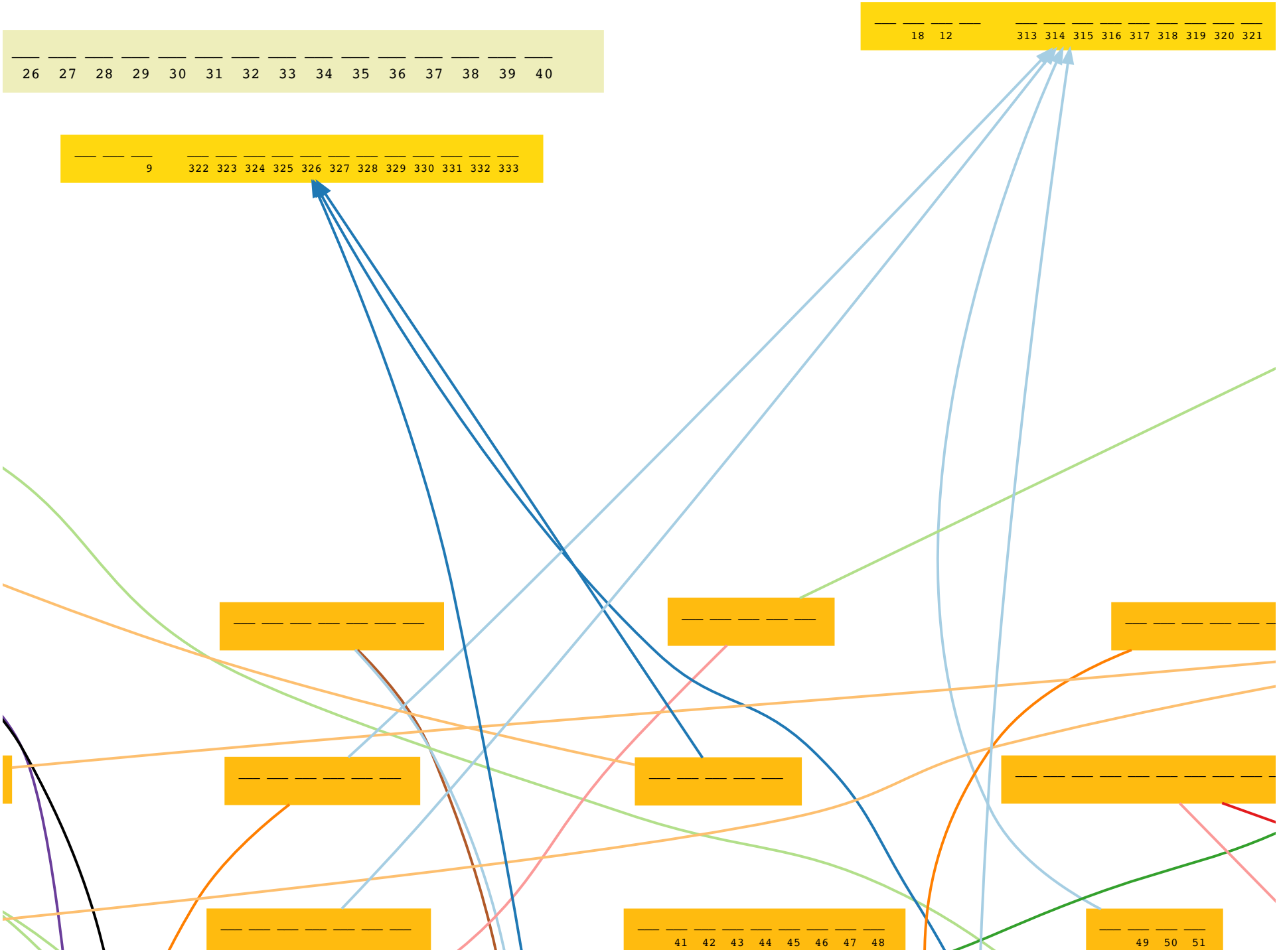
The answer to the puzzle is:

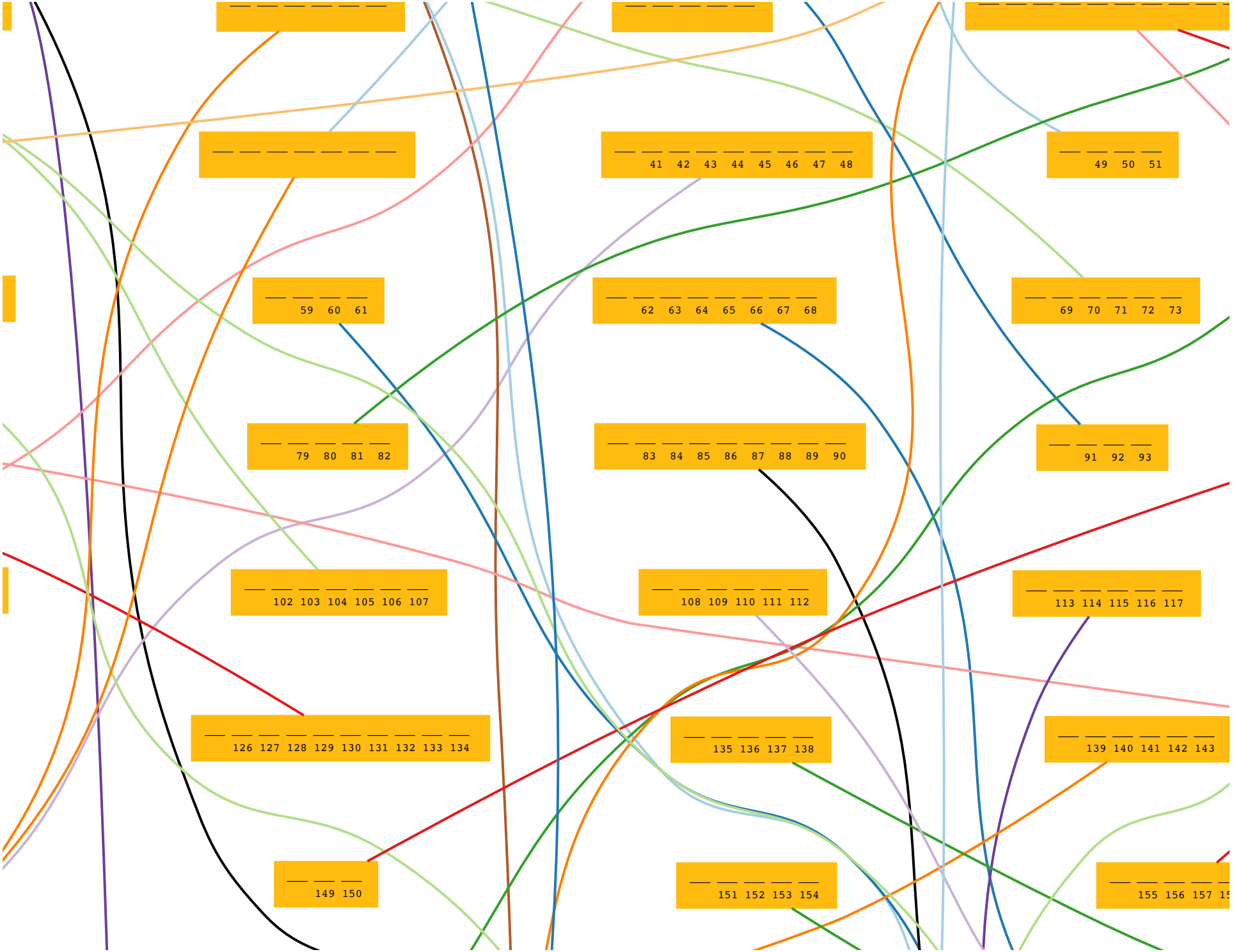


10 16 21
353 354 355 356 357
52 53 54 55 56 57 58
74 75 76 77 78
94 95 96 97 98 99 100 101
118 119 120 121 122 123 124 125
35 20
358 359 360 361 362
144 145 146 147 148

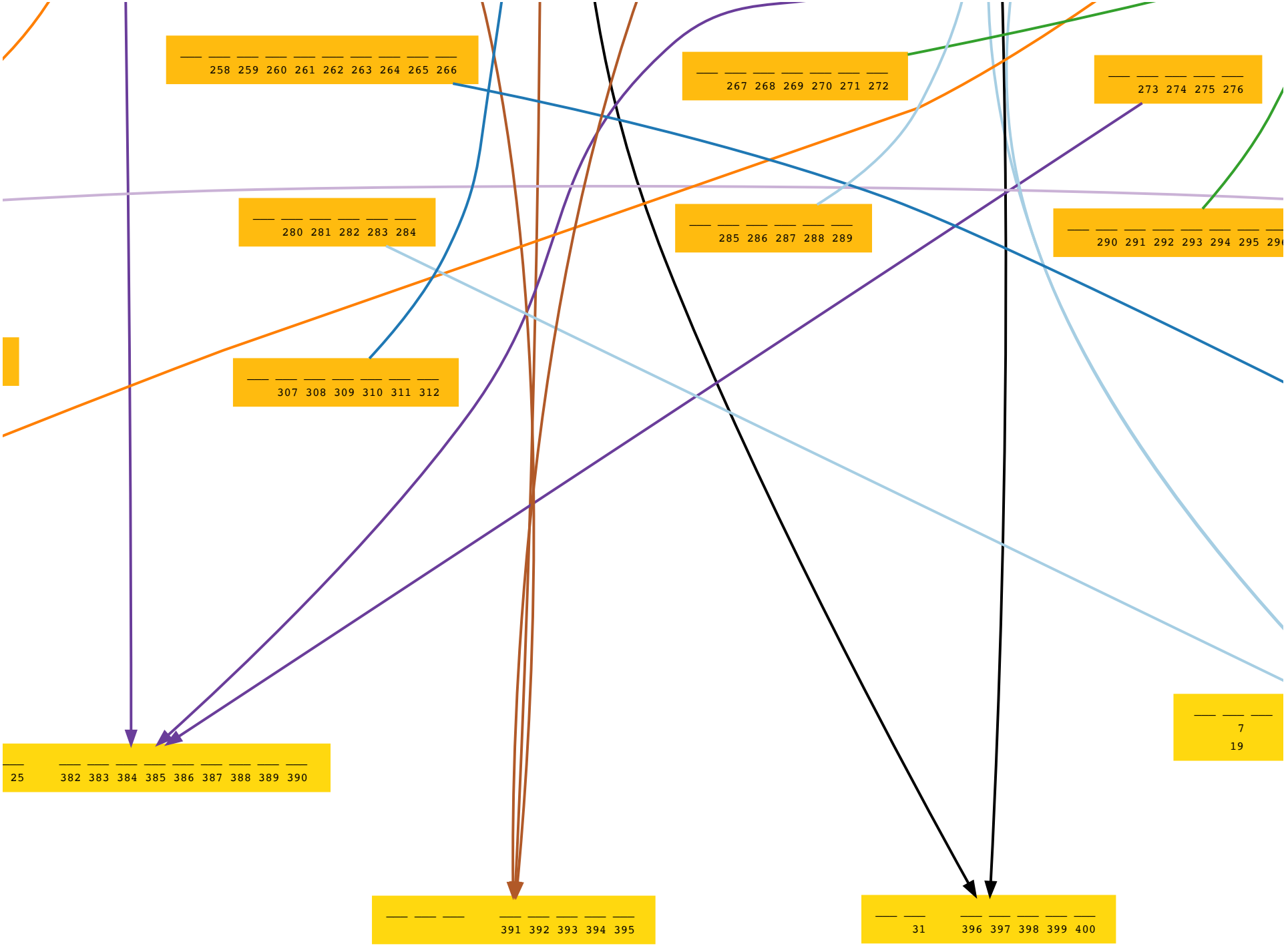

35 20
358 359 360 361 362
144 145 146 147 148
160 161 162 163
182 183 184 185 186 187
208 209 210 211 212 213 214
26 38
363 364 365 366 367
231 232 233 234 235
252 253 254 255 256 257

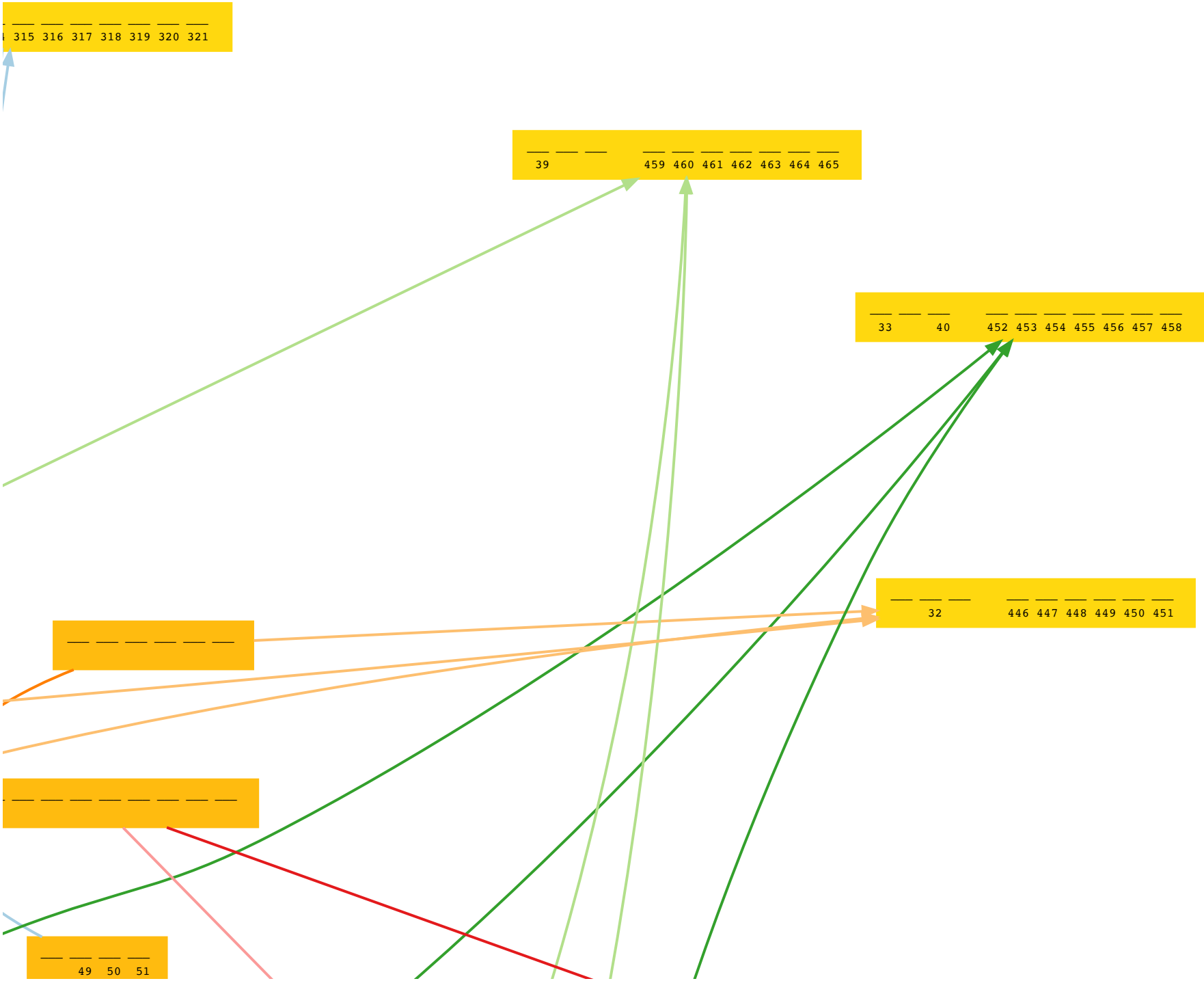

252 253 254 255 256 257
277 278 279
297 298 299 300 301 302 303 304 305 306
34
368 369 370 371 372 373
22 27 6
374 375 376 377 378 379 380 381
24 5 25
382 383 384 385 386

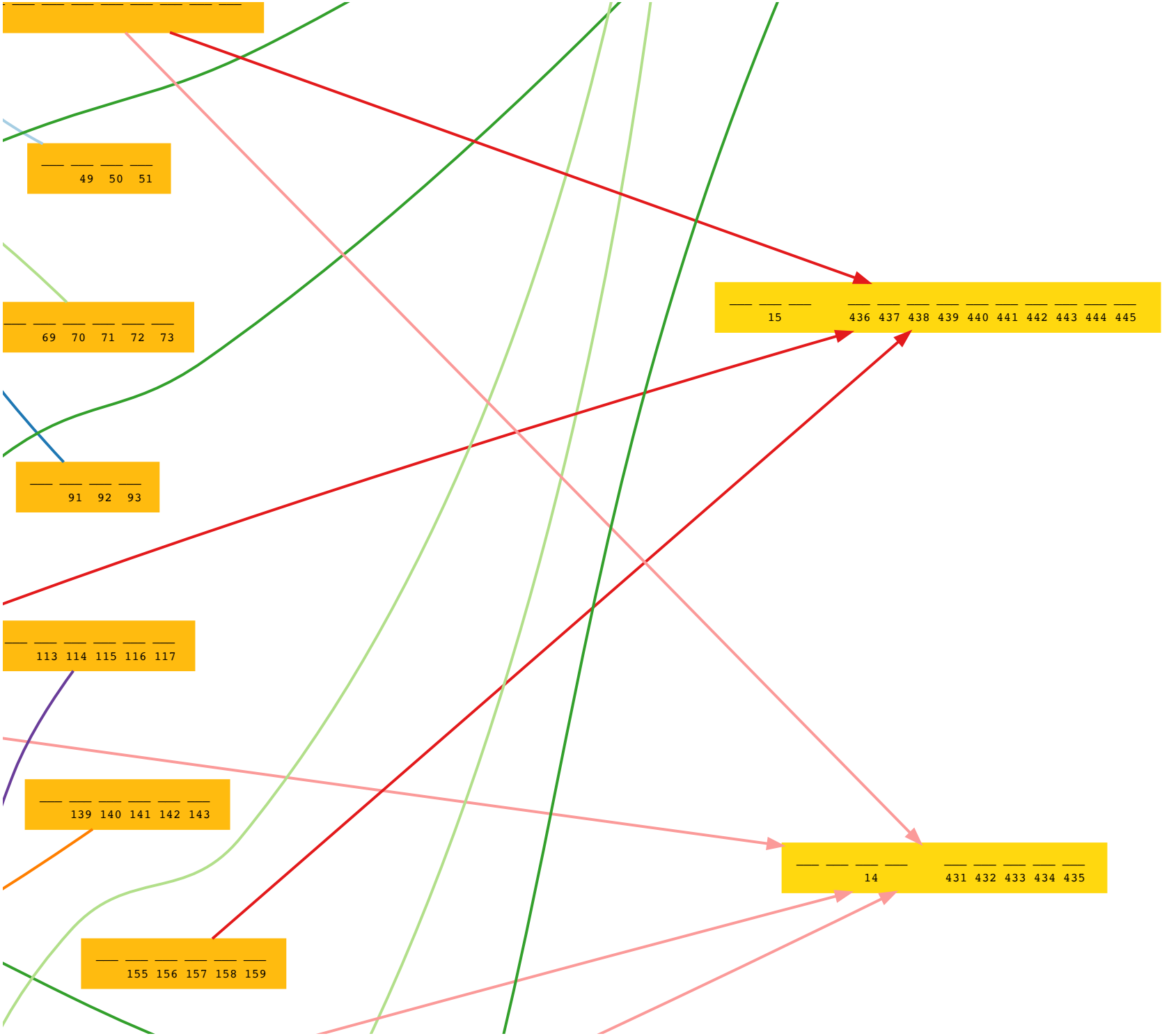

26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
18 12
313 314 315 316 317 318 319 320 321
9
322 323 324 325 326 327 328 329 330 331 332 333
41 42 43 44 45 46 47 48
49 50 51

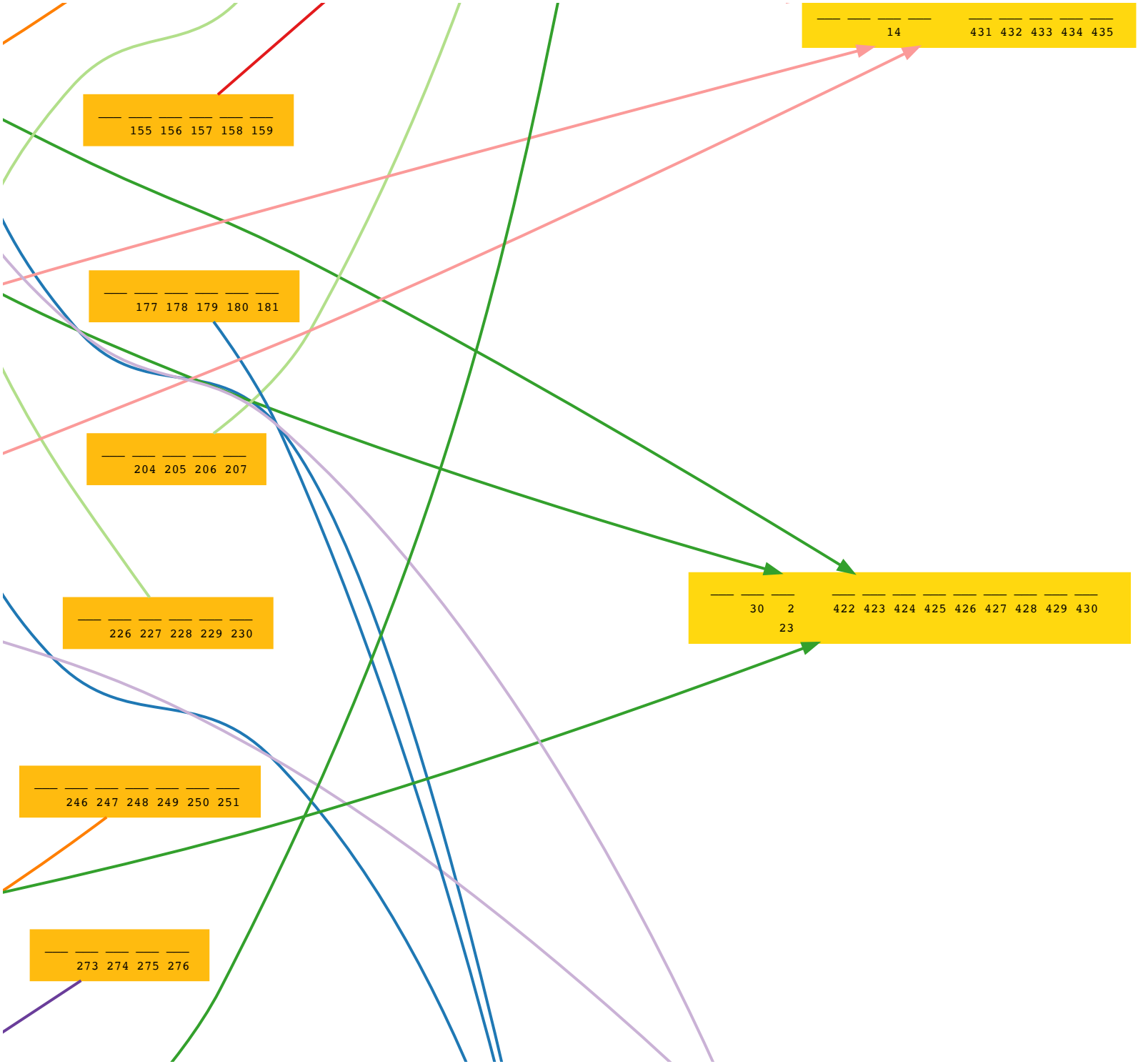

41 42 43 44 45 46 47 48
49 50 51
59 60 61
62 63 64 65 66 67 68
69 70 71 72 73
79 80 81 82
83 84 85 86 87 88 89 90
91 92 93
102 103 104 105 106 107
108 109 110 111 112
113 114 115 116 117
126 127 128 129 130 131 132 133 134
135 136 137 138
139 140 141 142 143
149 150
151 152 153 154
155 156 157

149 150
151 152 153 154
155 156 157
164 165 166 167
168 169 170 171 172 173 174 175 176
177 178 179
188 189 190 191 192 193 194
195 196 197 198 199 200 201 202 203
204 205 206
215 216 217 218
219 220 221 222 223 224 225
226 227 228 229
236 237 238 239 240
241 242 243 244 245
246 247 248 249 250
258 259 260 261 262 263 264 265 266
267 268 269 270 271 272
273 274 275 276


258 259 260 261 262 263 264 265 266
267 268 269 270 271 272
273 274 275 276
280 281 282 283 284
285 286 287 288 289
290 291 292 293 294 295
307 308 309 310 311 312
7
19
25
382 383 384 385 386 387 388 389 390
391 392 393 394 395
31
396 397 398 399 400


315 316 317 318 319 320 321
39
459 460 461 462 463 464 465
33 40
452 453 454 455 456 457 458
32
446 447 448 449 450 451
49 50 51


49 50 51
69 70 71 72 73
91 92 93
113 114 115 116 117
139 140 141 142 143
155 156 157 158 159
15
436 437 438 439 440 441 442 443 444 445
14
431 432 433 434 435


155 156 157 158 159
177 178 179 180 181
204 205 206 207
226 227 228 229 230
246 247 248 249 250 251
273 274 275 276
14
431 432 433 434 435
30 2 23
422 423 424 425 426 427 428 429 430

CASE WESTERN RESERVE UNIVERSITY EST. 1826