

Implemented NLP heuristics

| # | Heuristic | # | Heuristic |
|----|---|-----|--|
| 1 | [someone] expects [something] to work | 56 | [something] crashes |
| 2 | [someone] could/should add/provide/offer/integrate [something] | 57 | [something] demonstrates/represents the problem |
| 3 | [someone] would love to see/use [something] | 58 | [something] is unable to [verb] |
| 4 | [someone] thinks [something] would be [modal] to have [something] | 59 | [something] fails |
| 5 | [someone] thinks [something] would be [modal] if [something] | 60 | issue costs [something] |
| 6 | [someone] thinks [something] should [verb] | 61 | Crash/problem/issue/bug happens |
| 7 | [someone] should try to [verb] | 62 | Problem is dependent of/to [something] |
| 8 | Let us implement [something] | 63 | [something] doesn't work |
| 9 | [something] needs to be [verb] | 64 | [something] not do [something] |
| 10 | All that is needed is [something] | 65 | [something] works fine...but not [something] |
| 11 | [something] is what [someone] needs | 66 | Problem/issue doesn't occur |
| 12 | Could we add [something]? | 67 | Problem/issue occurs |
| 13 | [someone] thinks [something] is [modal] to [verb] | 68 | Error: [something] |
| 14 | Why do not change [something]? | 69 | [something] is not able to [verb] |
| 15 | [something] should be fixed | 70 | problem related to [something] |
| 16 | It would be [modal] if [subject + verb] | 71 | [something] is not defined |
| 17 | it would be [modal] to [verb] | 72 | [someone] forgets [something] |
| 18 | [someone] needs to create [something] | 73 | [something] cannot be found |
| 19 | [someone] needs a way to [verb] | 74 | [something] is a risk |
| 20 | [something] is required | 75 | Please adjust/fix [something] |
| 21 | [something] could have [something] | 76 | [something] is ko |
| 22 | It would be possible/beneficial to have [something] | 77 | [someone] suggests [something] |
| 23 | Please remove/check [something] | 78 | Have you installed/tried [something]? |
| 24 | Can [someone] ask that [someone] create [something] | 79 | I [verb] [something] to fix [something] |
| 25 | Can [something] fix [something]? | 80 | [something] would be a good idea/thing |
| 26 | [something] requires [something] | 81 | [something] can/could use [something] |
| 27 | [something] should be treated in/as [something] | 82 | [someone] is thinking/planning of adding [something] |
| 28 | [someone] thinks [something] needs [verb] | 83 | [something] can be fixed by [something] |
| 29 | [something] should/could define/support [something] | 84 | I will try [verb] |
| 30 | [something] should/could be [verb] | 85 | [someone] thinks the reason is [something] |
| 31 | adding [something] | 86 | [something] should/could/can/must solve [something] |
| 32 | All [someone] needs is [something] | 87 | [someone] believes you must [verb] |
| 33 | [someone] requests [something] | 88 | A new [something] can be made |
| 34 | [something] should/could include [something] | 89 | Why don't use [something] |
| 35 | [something] ought to be [somehow] | 90 | Here's the according patch |
| 36 | [someone] wants/likes to have [something] | 91 | [someone] creates an extension of/to [something] |
| 37 | [something] needs [something] | 92 | [someone] could/can run/prepare [something] |
| 38 | Does that mean [someone] should [verb]? | 93 | If you [verb] do [something] |
| 39 | What do you think about [something]? | 94 | [someone] would like to offer code |
| 40 | What do you think? | 95 | [someone] thinks [something] can help |
| 41 | Is [something] you prefer? | 96 | [something] resolves [something] |
| 42 | Has [someone] considered [something]? | 97 | [something] could be solution |
| 43 | Right? | 98 | [something] could be done |
| 44 | [someone] has an issue | 99 | could allow [something] to [verb] |
| 45 | [someone] doesn't have an issue | 100 | To make [something] workable [something] needs [something] |
| 46 | [someone] has tried [verb] but [subj]+verb] | 101 | All [someone] can do is [something] |
| 47 | [something] goes wobbly | 102 | I propose [something] |
| 48 | [someone] tried [verb] and discovered [something] | 103 | [someone] resolves [something] by [verb] |
| 49 | [something] seems to be an issue | 104 | [something] could be fixed in [something] |
| 50 | [someone] gets error | 105 | You need to do [something] |
| 51 | [something] isn't good quality | 106 | Just use [something] |
| 52 | An issue to fix is [something] | 107 | [something] will work |
| 53 | It's a mistake/problem [something] | 108 | goal is to provide [something] |
| 54 | [something] is missing | 109 | solution consists of/in [something] |
| 55 | There may be a problem | 110 | [something] could/might be not a bad idea/thing |

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|-----|--|-----|---|
| 111 | [something] would allow to [verb] | 168 | [someone] announces [something] |
| 112 | [someone] has to [verb] if [something] | 169 | [someone] wants/likes to contribute/participate |
| 113 | [someone] should/could modify [something] | 170 | [something] added |
| 114 | solution is [something] | 171 | Do not [verb] |
| 115 | a way is [something] | 172 | [someone] intends to [verb] |
| 116 | if [subject+verb] [something] would work | 173 | [someone] made [something] |
| 117 | just [verb] | 174 | Can anyone give me [something]? |
| 118 | Let's use [something] | 175 | What is the status of [something]? |
| 119 | Let's try [verb] | 176 | Is anyone working on [something]? |
| 120 | [someone] should go into [something] | 177 | What is [something]? |
| 121 | Try to create [something] | 178 | [someone] wants to know [something] |
| 122 | You must [verb] | 179 | Which [something] is/are available? |
| 123 | You just do not [verb] | 180 | Is/Are there [something]? |
| 124 | [someone] should/could recommend [something] | 181 | A help would be [modal] |
| 125 | [something] isn't appropriate | 182 | Any help would be [verb] |
| 126 | [something] should/could hold [something] | 183 | How/what about [something]? |
| 127 | [someone] should/could work on [something] | 184 | Suggestion is welcome |
| 128 | We are planning to [verb] | 185 | Anybody knows [something]? |
| 129 | Session where this fits is [something] | 186 | Do [someone] miss [something]? |
| 130 | [someone] makes changes to [something] | 187 | Which [something] do you prefer/favor/like? |
| 131 | [something] is in a working state | 188 | What does [something] provide? |
| 132 | New changes include [something] | 189 | What/Why do [something]? |
| 133 | New [something] available | 190 | Any suggestion? |
| 134 | [something] available | 191 | how to [verb]? |
| 135 | see below/above | 192 | How to [something] |
| 136 | Take a look at [something] | 193 | Does anybody have [something]? |
| 137 | [someone] would [verb] to offer help | 194 | Is [someone] aware of [something]? |
| 138 | I am interested to contribute to [something] | 195 | Why would you [verb]? |
| 139 | The source code for [something] is at: | 196 | Let me know if [something] |
| 140 | We have setups for [something] | 197 | Where is [something]? |
| 141 | Plan/idea/aim is [something] | 198 | Can/could anyone help me? |
| 142 | [someone] recommends [something] | 199 | would like to know [something] |
| 143 | [someone] will check [something] | 200 | Are there any [something]? |
| 144 | Make [something] like [something] | 201 | Any solution/hint/suggestion/plan ? |
| 145 | [something] provides/supports [something] | 202 | Does [someone] want [something]? |
| 146 | There are efforts to/for [something] | 203 | Can [someone] explain [something]? |
| 147 | solution works | 204 | Does [something] provide [something]? |
| 148 | [someone] writes code to [verb] | 205 | What happens? |
| 149 | [someone] creates [something] | 206 | Can [someone] get/do [something]? |
| 150 | [someone] should create [something] | 207 | What [someone] display? |
| 151 | [something] is removed | 208 | Do you have [something]? |
| 152 | I submit [something] | 209 | Is [something] correct/ok? |
| 153 | [someone] is looking to/for [verb] | 210 | Can I find [something]? |
| 154 | [something] can be found [somewhere] | 211 | Will [something] be supported? |
| 155 | Here is [something] | 212 | Can [someone] tell [something]? |
| 156 | [something] has been fixed | 213 | How does [something]? |
| 157 | see [link] | 214 | Should [something] be [verb]? |
| 158 | I am [modal] to help/offer | 215 | Please share [something] |
| 159 | [someone] is working on [something] | 216 | Does [someone] expect [something]? |
| 160 | See [something] at [link] | 217 | Is [something] missing? |
| 161 | look at [link] | 218 | Can/could [anyone] suggest? |
| 162 | Please note [something] | 219 | Is [of someone] intention [something]? |
| 163 | Please [verb] | 220 | Which [something]? |
| 164 | [someone] expects [something] | 221 | Can/could [anyone] specify? |
| 165 | [someone] posts [something] | 222 | Shouldn't/couldn't/wouldn't/can't [something]? |
| 166 | [someone] updates [something] | 223 | Is [something] possible? |
| 167 | [something] will [verb] on [date] | 224 | How much [something]? |

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|-----|---|-----|---|
| 225 | Has anyone [verb]? | 236 | There is/are [quantity of something] |
| 226 | Does [someone] need [something]? | 237 | [something] works [adjective] |
| 227 | Is [something] true? | 238 | [something] is/results/appears [adverb] |
| 228 | Does [someone] plan [something]? | 239 | [something] is rated [adjective] |
| 229 | Does [anyone] remember [something]? | 240 | [someone] like/dislike [something] |
| 230 | Can [someone] use [something]? | 241 | [someone] considers [something] [adjective] |
| 231 | [something] [adjective] | 242 | [something] results [adjective] |
| 232 | [something] is [adjective] | 243 | [something] [adverb] |
| 233 | [something] satisfies [someone] | 244 | [someone] is disappointed [with something] |
| 234 | [someone] is satisfied [with/about/by something] | 245 | [something] [verb] [adverb] |
| 235 | [someone] is enthusiastic [about/with/of something] | 246 | [something] out of ordinary |