

Example for the Trends Discovery

from the REST-API of a myGEKKO Controller

Please note, that this document is purely meant for exemplary purposes and the data and structure on your own myGEKKO controller may look different, depending on your own settings and configurations. To access the discovery input of your own controller please refer to the QueryAPI manual: <https://wiki.my-gekkko.com/>

```
{
  "globals": {
    "meteo": {
      "trend0": {
        "description": "Outside",
        "type": "REAL[]",
        "permission": "READ",
        "unit": "°C",
        "samplerate": 900
      }
    }
  },
  "blinds": {
    "item0": {
      "name": "Blinds",
      "trends": {
        "trend0": {
          "description": "Position",
          "type": "REAL[]",
          "permission": "READ",
          "unit": "%",
          "samplerate": 900
        }
      }
    }
  },
  "vents": {
    "item0": {
      "name": "Ventilation",
      "trends": {
        "trend0": {
          "description": "Level",
          "type": "REAL[]",
          "permission": "READ",
          "unit": "%",
          "samplerate": 900
        }
      }
    }
  },
  "loads": {
    "item0": {
      "name": "Deep Fryer",
      "trends": {
        "trend0": {
          "description": "Temperatur",
          "type": "REAL[]",
          "permission": "READ",
          "unit": "°C",
          "samplerate": 900
        }
      }
    }
  },
  "roomtemps": {
    "item0": {
      "name": "Living Room",
      "trends": {
        "trend0": {
          "description": "Temp",
          "type": "REAL[]",
          "permission": "READ",

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74         "unit": "°C",
75         "samplerate": 900
76     }
77 }
78 }
79 },
80 "heatingcircuits": {
81     "item0": {
82         "name": "Heating circuits 1",
83         "trends": {
84             "trend0": {
85                 "description": "Mischer",
86                 "type": "REAL[]",
87                 "permission": "READ",
88                 "unit": "%",
89                 "samplerate": 900
90             }
91         }
92     }
93 },
94 "heatingsystems": {
95     "item0": {
96         "name": "Heating system",
97         "trends": {
98             "trend0": {
99                 "description": "destination",
100                "type": "REAL[]",
101                "permission": "READ",
102                "unit": "°C",
103                "samplerate": 900
104            }
105        }
106    }
107 },
108 "hotwater_systems": {
109     "item0": {
110         "name": "Hot water",
111         "trends": {
112             "trend0": {
113                 "description": "destination",
114                 "type": "REAL[]",
115                 "permission": "READ",
116                 "unit": "°C",
117                 "samplerate": 900
118             }
119         }
120     }
121 },
122 "stoves": {
123     "item0": {
124         "name": "Fire Place",
125         "trends": {
126             "trend0": {
127                 "description": "Ventilation",
128                 "type": "REAL[]",
129                 "permission": "READ",
130                 "unit": "%",
131                 "samplerate": 900
132             }
133         }
134     }
135 },
136 "energycosts": {
137     "item0": {
138         "name": "PV production",
139         "trends": {
140             "trend0": {
141                 "description": "Power",
142                 "type": "REAL[]",
143                 "permission": "READ",
144                 "unit": "kW",
145                 "samplerate": 900
146             }

```

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147     }
148   }
149 },
150 "controlcircuits": {
151   "item0": {
152     "name": "Heating rod control",
153     "trends": {
154       "trend0": {
155         "description": "Grid feed",
156         "type": "REAL[]",
157         "permission": "READ",
158         "unit": "kW",
159         "samplerate": 900
160       }
161     }
162   },
163   "air_handling_unit": {
164     "item0": {
165       "name": "AC",
166       "trends": {
167         "trend0": {
168           "description": "AC",
169           "type": "REAL[]",
170           "permission": "READ",
171           "unit": "10%",
172           "samplerate": 900
173         }
174       }
175     }
176   },
177   "saunas": {
178     "item0": {
179       "name": "Sauna",
180       "trends": {
181         "trend0": {
182           "description": "On",
183           "type": "REAL[]",
184           "permission": "READ",
185           "unit": "",
186           "samplerate": 900
187         }
188       }
189     }
190   },
191   "pools": {
192     "item0": {
193       "name": "Pool",
194       "trends": {
195         "trend0": {
196           "description": "Chlorine",
197           "type": "REAL[]",
198           "permission": "READ",
199           "unit": "mg/hl",
200           "samplerate": 900
201         }
202       }
203     }
204   },
205   "energymanager": {
206     "item0": {
207       "name": "Energy manager",
208       "trends": {
209         "trend0": {
210           "description": "Max",
211           "type": "REAL[]",
212           "permission": "READ",
213           "unit": "kW",
214           "samplerate": 900
215         }
216       }
217     }
218   },
219   "trends": {

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```
220     "item0": {
221         "name": "Temperatures",
222         "trends": {
223             "trend0": {
224                 "description": "Air Input",
225                 "type": "REAL[]",
226                 "permission": "READ",
227                 "unit": "",
228                 "samplerate": 300
229             }
230         }
231     },
232 },
233 "emobils": {
234     "item0": {
235         "name": "Charging station",
236         "trends": {
237             "trend0": {
238                 "description": "Sum",
239                 "type": "REAL[]",
240                 "permission": "READ",
241                 "unit": "kWh",
242                 "samplerate": 900
243             }
244         }
245     }
246 }
247 }
```