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-gekko.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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                    "unit": "°C",
                    "samplerate":   900
                }
            }
        },
        "heatingcircuits":  {
            "item0":    {
                "name": "Heating circuits 1",
                "trends":   {
                    "trend0":   {
                        "description":  "Mischer",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "%",
                        "samplerate":   900
                    }
                }
            }
        },
        "heatingsystems":   {
            "item0":    {
                "name": "Heating system",
                "trends":   {
                    "trend0":   {
                        "description":  "destination",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "°C",
                        "samplerate":   900
                    }
                }
            }
        },
        "hotwater_systems": {
            "item0":    {
                "name": "Hot water",
                "trends":   {
                    "trend0":   {
                        "description":  "destination",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "°C",
                        "samplerate":   900
                    }
                }
            }
        },
        "stoves":   {
            "item0":    {
                "name": "Fire Place",
                "trends":   {
                    "trend0":   {
                        "description":  "Ventilation",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "%",
                        "samplerate":   900
                    }
                }
            }
        },
        "energycosts":  {
            "item0":    {
                "name": "PV production",
                "trends":   {
                    "trend0":   {
                        "description":  "Power",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "kW",
                        "samplerate":   900
                    }
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                }
            }
        },
        "controlcircuits":  {
            "item0":    {
                "name": "Heating rod control",
                "trends":   {
                    "trend0":   {
                        "description":  "Grid feed",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "kW",
                        "samplerate":   900
                    }
            }
        },
        "air_handling_unit":    {
            "item0":    {
                "name": "AC",
                "trends":   {
                    "trend0":   {
                        "description":  "AC",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "10%",
                        "samplerate":   900
                    }
                }
            }
        },
        "saunas":   {
            "item0":    {
                "name": "Sauna",
                "trends":   {
                    "trend0":   {
                        "description":  "On",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "",
                        "samplerate":   900
                    }
                }
            }
        },
        "pools":    {
            "item0":    {
                "name": "Pool",
                "trends":   {
                    "trend0":   {
                        "description":  "Chlorine",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "mg/hl",
                        "samplerate":   900
                    }
                }
            }
        },
        "energymanager":    {
            "item0":    {
                "name": "Energy manager",
                "trends":   {
                    "trend0":   {
                        "description":  "Max",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "kW",
                        "samplerate":   900
                    }
                }
            }
        },
        "trends":   {
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            "item0":    {
                "name": "Temperatures",
                "trends":   {
                    "trend0":   {
                        "description":  "Air Input",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "",
                        "samplerate":   300
                    }
                }
            }
        },
        "emobils":  {
            "item0":    {
                "name": "Charging station",
                "trends":   {
                    "trend0":   {
                        "description":  "Sum",
                        "type": "REAL[]",
                        "permission":   "READ",
                        "unit": "kWh",
                        "samplerate":   900
                    }
                }
            }
        }
    }
```