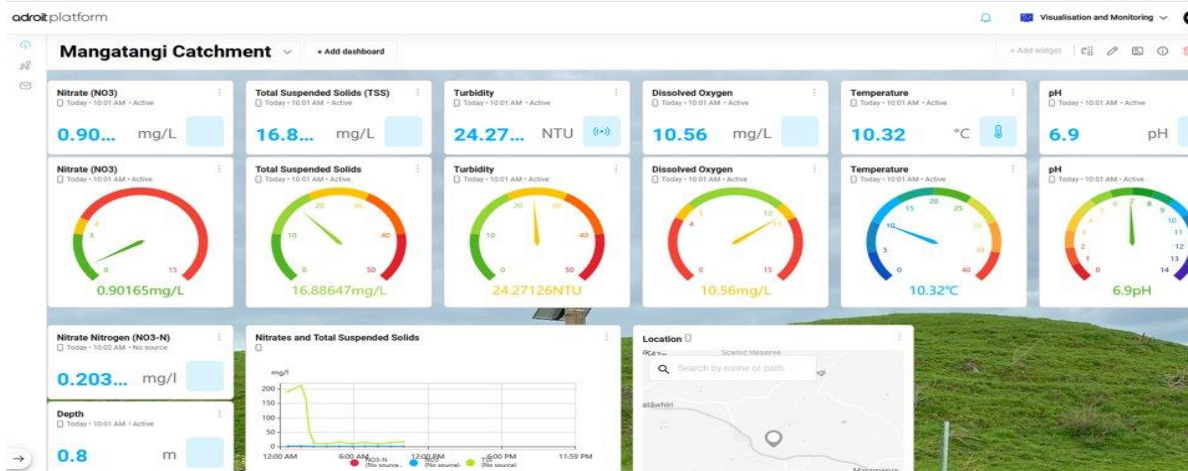


Sample data of adroit.

Battery Charge Status																										
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	id	name	point	creationDate	lastUpdate	value	sourceStat	path	pathId	alarmState	alarmMessage	sourceType	sourceId	contextId	unit	minimum	maximum	trend	validity	holdsEnable	inType	paddingType	original	message		
2	3989	Battery Charge Status	S15	1.62492E-12	1.69185E+12	On	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4999	43	{'id': 153, 'name': 'TEXT', 'sym'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'sym'	STEADY	30	FALSE	FEED	3989 STATE_NORMAL		
3	3990	Battery current	S15	1.62492E-12	1.69185E+12	0	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5000	43	{'id': 118, 'name': 'MILLIAMPI	STEADY	30	FALSE	FEED	{'id': 17, 'name': 'MILLIAMPI	STEADY	30	FALSE	FEED	3990 STATE_NORMAL		
4	3971	Battery(%)	S15	1.62492E-12	1.69185E+12	96	ACTIVE	Catchmei	519/515/	NORMAL	Battery N_DEVICE_S	4981	43	{'id': 316, 'name': '%', 'symbol'	STEADY	30	TRUE	FEED	{'id': 276, 'name': '%', 'symbol'	STEADY	30	TRUE	FEED	3971 Battery Normal		
5	3972	Battery(V)	S15	1.62492E-12	1.69185E+12	4.17400	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4982	43	{'id': 17, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 5, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	3972 STATE_NORMAL		
6	4275	GPS Location	S15	1.62881E-12	1.62881E+12	-38.32417	NO_SOUF	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5266	43	{'id': 139, 'name': 'LOCATION	STEADY	30	FALSE	FEED	{'id': 11, 'name': 'LOCATION	STEADY	30	FALSE	FEED	4275 STATE_NORMAL		
7	3980	Insitu_Acidity	S15	1.62492E-12	1.69185E+12	7.57369	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4990	43	{'id': 321, 'name': 'pH', 'symbol'	STEADY	30	FALSE	FEED	{'id': 180, 'name': 'pH', 'symbol'	STEADY	30	FALSE	FEED	3980 STATE_NORMAL		
8	4035	Insitu_Acidity mV	S15	1.62503E-12	1.69185E+12	-49.61729	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5034	43	{'id': 120, 'name': 'MILLIVOLT	STEADY	30	FALSE	FEED	{'id': 5, 'name': 'MILLIVOLT	STEADY	30	FALSE	FEED	4035 STATE_NORMAL		
9	4031	Insitu_Actual Conductivity	S15	1.62503E-12	1.69185E+12	0.16435	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5030	43	{'id': 320, 'name': 'mS/cm', 'symbol'	STEADY	30	FALSE	FEED	{'id': 179, 'name': 'mS/cm', 'symbol'	STEADY	30	FALSE	FEED	4031 STATE_NORMAL		
10	4033	Insitu_Density	S15	1.62503E-12	1.69185E+12	0.99946	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5032	43	{'id': 338, 'name': 'grams per	STEADY	30	FALSE	FEED	{'id': 194, 'name': 'grams per	STEADY	30	FALSE	FEED	4033 STATE_NORMAL		
11	4026	Insitu_Depth	S15	1.62503E-12	1.69185E+12	0.94085	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5028	43	{'id': 336, 'name': 'meters', 'symbol'	STEADY	30	FALSE	FEED	{'id': 192, 'name': 'meters', 'symbol'	STEADY	30	FALSE	FEED	4026 STATE_NORMAL		
12	4034	Insitu_Oxygen Partial Pressure	S15	1.62503E-12	1.69185E+12	133.31591	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5033	43	{'id': 339, 'name': 'Torr', 'symbol'	STEADY	30	FALSE	FEED	{'id': 3, 'name': 'Torr', 'symbol'	STEADY	30	FALSE	FEED	4034 STATE_NORMAL		
13	4025	Insitu_Pressure	S15	1.62503E-12	1.69185E+12	8.31587	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5029	43	{'id': 156, 'name': 'KILO_PASC	STEADY	30	FALSE	FEED	{'id': 3, 'name': 'KILO_PASC	STEADY	30	FALSE	FEED	4025 STATE_NORMAL		
14	3984	Insitu_RDO Concentration	S15	1.62492E-12	1.69185E+12	8.96137	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4994	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	3984 STATE_NORMAL		
15	4024	Insitu_RDO Saturation	S15	1.62503E-12	1.69185E+12	94.99065	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5027	43	{'id': 316, 'name': '%', 'symbol'	STEADY	30	FALSE	FEED	{'id': 176, 'name': '%', 'symbol'	STEADY	30	FALSE	FEED	4024 STATE_NORMAL		
16	3981	Insitu_Redox	S15	1.62492E-12	1.69185E+12	462.5344	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4991	43	{'id': 120, 'name': 'MILLIVOLT	STEADY	30	FALSE	FEED	{'id': 5, 'name': 'MILLIVOLT	STEADY	30	FALSE	FEED	3981 STATE_NORMAL		
17	4032	Insitu_Resistivity	S15	1.62503E-12	1.69185E+12	6095.826	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5031	43	{'id': 337, 'name': 'ohm centi	STEADY	30	FALSE	FEED	{'id': 193, 'name': 'ohm centi	STEADY	30	FALSE	FEED	4032 STATE_NORMAL		
18	3986	Insitu_Salinity	S15	1.62492E-12	1.69185E+12	0.10099	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4996	43	{'id': 317, 'name': 'ppt', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'ppt', 'symbol'	STEADY	30	FALSE	FEED	3986 STATE_NORMAL		
19	3985	Insitu_Specific Conductivity	S15	1.62492E-12	1.69185E+12	0.21306	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4995	43	{'id': 320, 'name': 'mS/cm', 'symbol'	STEADY	30	FALSE	FEED	{'id': 179, 'name': 'mS/cm', 'symbol'	STEADY	30	FALSE	FEED	3985 STATE_NORMAL		
20	3988	Insitu_Status	S15	1.62492E-12	1.69185E+12	Normal	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4998	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3988 STATE_NORMAL		
21	3983	Insitu_Temperature	S15	1.62492E-12	1.69185E+12	12.99549	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4993	43	{'id': 31, 'name': 'CELSIUS', 'symbol'	STEADY	30	FALSE	FEED	{'id': 2, 'name': 'CELSIUS', 'symbol'	STEADY	30	FALSE	FEED	3983 STATE_NORMAL		
22	4023	Insitu_Total Dissolved Solids	S15	1.62502E-12	1.69185E+12	0.13836	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5026	43	{'id': 317, 'name': 'ppt', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'ppt', 'symbol'	STEADY	30	FALSE	FEED	4023 STATE_NORMAL		
23	3987	Insitu_Turbidity	S15	1.62492E-12	1.69185E+12	1.66897	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4997	43	{'id': 322, 'name': 'NTU', 'symbol'	STEADY	30	FALSE	FEED	{'id': 181, 'name': 'NTU', 'symbol'	STEADY	30	FALSE	FEED	3987 STATE_NORMAL		
24	3982	Insitu_Voltage	S15	1.62492E-12	1.69185E+12	12.66900	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4992	43	{'id': 17, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 5, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	3982 STATE_NORMAL		
25	6330	Nitrate_Nitrogen(mg/l)	S15	1.64201E-12	1.69185E+12	1.142661	NO_SOUF	Catchmei	519/515/	NORMAL	STATE_NI_NONE	5185	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	6330 STATE_NORMAL		
26	4154	Nitrate_Nitrogen(mg/l)_calc	S15	1.62631E-12	1.69185E+12	1.143	ACTIVE	Catchmei	519/515/	ERROR	PCI medi DEVICE_S	5185	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	TRUE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	TRUE	FEED	4154 PCI median limit		
27	4155	Nitrate_Nitrogen(ug/l)_calc	S15	1.62631E-12	1.69185E+12	1142.661	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5186	43	{'id': 315, 'name': 'ug/L', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'ug/L', 'symbol'	STEADY	30	FALSE	FEED	4155 STATE_NORMAL		
28	3994	SCAN_maintenance	S15	1.62492E-12	1.68714E+12	No	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5004	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3994 STATE_NORMAL		
29	3977	SCAN_model	S15	1.62492E-12	1.68713E+12	spectro	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4987	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3977 STATE_NORMAL		
30	3975	SCAN_Nitrate	S15	1.62492E-12	1.69185E+12	5.06199	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4985	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	3975 STATE_NORMAL		
31	3974	SCAN_Nitrate-Nitrogen	S15	1.62492E-12	1.69185E+12	0.00000	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4984	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	3974 STATE_NORMAL		
32	3978	SCAN_serial	S15	1.62492E-12	1.68713E+12	22020212	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4988	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3978 STATE_NORMAL		
33	3979	SCAN_status	S15	1.62492E-12	1.69185E+12	OK	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4989	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3979 STATE_NORMAL		
34	3973	SCAN_Total Suspended Solids	S15	1.62492E-12	1.69185E+12	0.00000	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4983	43	{'id': 315, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	{'id': 175, 'name': 'mg/l', 'symbol'	STEADY	30	FALSE	FEED	3973 STATE_NORMAL		
35	3995	SCAN_Turbidity	S15	1.62492E-12	1.69185E+12	0.00000	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5005	43	{'id': 322, 'name': 'NTU', 'symbol'	STEADY	30	FALSE	FEED	{'id': 181, 'name': 'NTU', 'symbol'	STEADY	30	FALSE	FEED	3995 STATE_NORMAL		
36	3976	SCAN_Voltage	S15	1.62492E-12	1.69185E+12	12.28100	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4986	43	{'id': 17, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 5, 'name': 'VOLT', 'symbol'	STEADY	30	FALSE	FEED	3976 STATE_NORMAL		
37	3968	Service Tag	S15	1.62492E-12	1.69185E+12	11439	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	4978	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3968 STATE_NORMAL		
38	3992	Signal Quality	S15	1.62492E-12	1.69185E+12	Poor	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5002	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3992 STATE_NORMAL		
39	3993	Signal Report	S15	1.62492E-12	1.69185E+12	CAT-M1	ACTIVE	Catchmei	519/515/	NORMAL	STATE_NI_DEVICE_S	5003	43	{'id': 153, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	{'id': 52, 'name': 'TEXT', 'symbol'	STEADY	30	FALSE	FEED	3993 STATE_NORMAL		

Third party dashboard of adroit.



Device : 3982
Path : Catchments/Mangatangi Catchment

Actual Conductivity(chart) : 0.08000
Battery Charge Status : On
Battery current : 0
Battery(%) : 98
Battery(V) : 4.18400
Config- Battery Measurement Time : 3600
Config- Polling Time : 3600
Config- Read Sensor Time : 3600
Error Message : -20, , Sensor flag - , Scan Reset
GPS Location : -37.241488,175.183394
IMEI : 860186052299985
InSitu Status : OK
InSitu Voltage : 12.74100
InSitu Voltage(chart) : 12.75000
InSitu_Acidity : 7.00000
InSitu_Acidity mV : -25.50000
InSitu_Acidity mV(chart) : -26.70000
InSitu_Acidity(chart) : 7.02000
InSitu_Actual Conductivity : 0.08000
InSitu_Density : 1.00000
InSitu_Density(chart) : 1.00000
InSitu_Depth : 0.65000
InSitu_Depth(chart) : 0.65000
InSitu_Oxygen Saturation : 91.06000
InSitu_Oxygen Saturation(chart) : 92.70000
InSitu_Oxygen_Partial_Pressure : 143.16000
InSitu_Pressure : 4.65100
InSitu_Pressure(chart) : 4.68700
InSitu_RDO Concentration : 10.19000
InSitu_RDO Concentration(chart) : 10.36000
InSitu_Redox : 515.29999
InSitu_Redox(chart) : 512.79999
InSitu_Resistivity : 12540.00000
InSitu_Resistivity(chart) : 12521.00000
InSitu_Salinity : 0.05000
InSitu_Salinity(chart) : 0.05000
InSitu_Specific Conductivity : 0.11000
InSitu_Temperature : 10.35000
InSitu_Temperature(chart) : 10.42000
InSitu_Total Dissolved Solids : 0.07000
Libelium Serial Number : 3059b4bd3c195eb8
Nitrate_Nitrogen(mg/l) : 0.086401805869
Oxygen_Partial_Pressure(chart) : 145.73000
SCAN_maintenance : No
SCAN_model : spectro::lyserV3
SCAN_Nitrate : 0.38276
SCAN_Nitrate(chart) : 0.38276
SCAN_Nitrate-Nitrogen(chart) : null
SCAN_serial : 22140211
SCAN_status : OK
SCAN_Total Suspended Solids : 39.87825
SCAN_TotalSuspendedSolids(chart) : 39.87825
SCAN_Turbidity : 43.78176
SCAN_Turbidity(chart) : 59.34871
SCAN_Turbidity_2 : 59.34871
SCAN_Voltage : 12.22900
SCAN_Voltage(chart) : 12.24000
Service Tag : 11473
Signal Quality : Good
Signal Report : CAT-M1 , -71, -98, 167, -11
Sim : 8964050087220520048F
Site : Mangatangi Catchment
Solar Battery(V) : 12.68758
Specific Conductivity(chart) : 0.11000
Total Dissolved Solids(chart) : 0.07000

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2   "path": "Catchments/Mangakaretu Site",
3   "readings": [
4     {
5       "name": "Battery Charge Status",
6       "value": null,
7       "creationDate": 1690242194000,
8       "lastUpdate": null
9     },
10    {
11      "name": "Battery current",
12      "value": null,
13      "creationDate": 1690242194000,
14      "lastUpdate": null
15    },
16    {
17      "name": "Battery(%)",
18      "value": null,
19      "creationDate": 1690242194000,
20      "lastUpdate": null
21    },
22    {
23      "name": "Battery(V)",
24      "value": null,
25      "creationDate": 1690242194000,
26      "lastUpdate": null
27    },
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29      "name": "Config- Battery Measurement Time",
30      "value": null,
31      "creationDate": 1690242194000,
32      "lastUpdate": null
33    },
34    {
35      "name": "Config- Polling Time",
36      "value": null,
37      "creationDate": 1690242194000,
38      "lastUpdate": null
39    },
40    {
41      "name": "Config- Read Sensor Time",
42      "value": null,
43      "creationDate": 1690242194000,
44      "lastUpdate": null
45    },
46    {
47      "name": "Error Message",
48      "value": "-20, S::CAN, Sensor flag, Scan Reset",
49      "creationDate": 1690242194000,
50      "lastUpdate": 1691535260000
51    },
52    {
53      "name": "GPS Location",
54      "value": null,
55      "creationDate": 1690242194000,
56      "lastUpdate": null
57    },
58  ]
59 }
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1 {
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3   "readings": [
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6       "value": "0.08000",
7       "creationDate": 1670479936000,
8       "lastUpdate": 1691847590951
9     },
10    {
11      "name": "Battery Charge Status",
12      "value": "On",
13      "creationDate": 1662591346000,
14      "lastUpdate": 1691847549000
15    },
16    {
17      "name": "Battery current",
18      "value": "0",
19      "creationDate": 1662591346000,
20      "lastUpdate": 1691847549000
21    },
22    {
23      "name": "Battery(%)",
24      "value": "98",
25      "creationDate": 1662591346000,
26      "lastUpdate": 1691847549000
27    },
28    {
29      "name": "Battery(V)",
30      "value": "4.18400",
31      "creationDate": 1662591346000,
32      "lastUpdate": 1691847549000
33    },
34    {
35      "name": "Config- Battery Measurement Time",
36      "value": "3600",
37      "creationDate": 1662591346000,
38      "lastUpdate": 1691825093000
39    },
40    {
41      "name": "Config- Polling Time",
42      "value": "3600",
43      "creationDate": 1662591346000,
44      "lastUpdate": 1691825132974
45    },
46    {
47      "name": "Config- Read Sensor Time",
48      "value": "3600",
49      "creationDate": 1662591346000,
50      "lastUpdate": 1691825093000
51    },
52    {
53      "name": "Error Message",
54      "value": "-20, , Sensor flag - , Scan Reset",
55      "creationDate": 1662591346000,
56      "lastUpdate": 1691824948000
57    },
58  ]
59 }

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JSON file