

10. Versionshinweise



Note: The following pages contain the release notes for the WebPQ software and the REST API. Please note that these release notes may not always reflect the current state of the software version. With software updates, it may happen that the present description is no longer accurate in some points. In this case, please contact us directly or use the latest version of the release notes, which you can find on our website www.a-eberle.de.

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10.1. WebPQ Releases

10.1.1. WebPQ 2.0.1

News, Features, and Improvements

- [#6814 / #6804 / #6747 / #6711 / #6494 / #6746 / #6816] Übersetzungen und Dokumentationen aktualisiert
- [#6780] Email wird wieder an CC & BCC Empfänger gesendet
- [#6774] The relative time setting is now retained after "reset zoom" in the chart.
- [#6756] The live data display under Analysis/Devices has been improved.
- [#6755] The creation of an SSH device with Radius authentication has been optimized.
- [#6753] The WinPQ Device Wizard now initializes correctly.
- [#6745] The "Compare with other parameter sets" function works again.
- [#6742] Binary inputs are now correctly adapted to the device classes in the live data.
- [#6735] The "Show hierarchy" button is available again in the device dialog.
- [#6718] The pop-up menu associated with the export now works reliably. The disturbance records window has been revised.
- [#6677] The settings for logging on the device synchronization page have been improved.
- [#6614] The device labels in the live displays have been made clearer.
- [#6598] The firmware version is now correctly adopted when reading PQI-DA smart devices.
- [#6597] Improved error messages for exports and printing.
- [#6551] In the date dialog of the analysis, the input of a comma is now allowed.
- [#6499] The manual export now works even after switching from CSV to Nequal and back.
- [#6474] Expired passwords no longer affect exports.
- [#6431] The time zone has been added to the logging during data import.
- [#6400] Improvements in memory handling during parameterization and uploading to the server.

Security-related content and adjustments

- [#6195] All libraries have been updated

10.2. REST API Versions

10.2.1. REST API v 2.0.0

API Changes

The API has been restricted to its public part and adapted to a versioning scheme. As a result, the endpoint paths have changed. See below for each endpoint.

Most endpoints that previously supported POST and GET have been mostly restricted to POST. The endpoints that query measurement data have been changed regarding the start/end dates. The start dates are now exclusive, the end dates are inclusive.

Most error responses now add a 'subCode' field that contains a general problem description such as 'NOT_AUTHORIZED' or 'INVALID_PARAMETER'. This field can be easily checked by the API client to respond accordingly.

Changes per API Endpoint

`/analytics/rawtimeseries -> /api/v1/analytics/rawtimeseries`

- **Only POST** instead of POST/GET.
- **Parameters:** The previously optional `timeFormat` parameter has been removed. All times are now always returned as ISO-UTC date strings. `start` is interpreted as exclusive, `end` as inclusive.
- **Response:** The response structure remains as before, the timestamp is an ISO-UTC date string.
- **Runtime Aspects:** The allowed query intervals have been diversified depending on the queried `dataClass` to allow larger intervals for data classes with lower resolution. Further details can be found in the Swagger/OpenAPI description.

`/analytics/recordings -> /api/v1/analytics/recordings`

- **Only POST.**
- **Parameters:** The previously optional `serverSidePaging` parameter has been removed. Start and end times are interpreted as exclusive/inclusive.
- **Response:** The previous structure `{ result: row[] }` has been flattened – it is now returned as `{ data: row[] }`. In the individual rows (row), the values for `device`, `plant`, `field`, `grouping`, `transnestic` have been removed.
- **Runtime Aspects:** No changes.

`/analytics/getpqeevents -> /api/v1/analytics/getpqeevents`

- **Only POST.**
- **Parameters:** The previously optional `serverSidePaging` parameter has been removed.
- **Response:** The previous structure `{ result: row[] }` has been flattened – it is now returned as `{ data: row[] }`. In the individual row, the fields `reca` and `recb` are only included if there is a reference to a disturbance record. Additionally, there is a new field `dataext` (if available) that contains additional data depending on the event type.

`/analytics/version -> /api/version`

- **GET remains unchanged.**
- **Parameters:** No changes.
- **Response:** No changes.
- **Runtime Aspects:** No changes.

`/authenticate/user -> /api/v1/authenticate/user`

- **Only POST.**
- **Parameters:** An optional `refresh` parameter has been added, which can be ignored.
- **Response:** No changes.
- **Runtime Aspects:** No changes.

`/master-data/user/getuser -> /api/v1/device/getdevices`

- This service replaces the functionality of `/master-data/user/getuser` to query the list of available devices. However, the structure is different from before. Here, the user is not queried, but all devices to which the calling user has access. It is important to check whether the entry `userPermissions.readMeasurements.isGranted` is true for a returned device before querying measurement data for that device.
- **Only POST.**
- **Parameters:** None.
- **Response:** `IDeviceV1[]` with `permissions` attribute.
- **Runtime Aspects:** No changes.

10.2.2. REST API 1.0.0

- Initial version