



Product Benefits

- REST API
- Configurable treatment of arrays
- Configurable output formats
- Granular text changes
- Ignore changes

Take the guesswork out of what's changed.

DeltaJSON is a powerful REST-based toolkit for managing and processing change in your JSON content. With compare, merge and graft functionality at your fingertips you'll always know exactly how your JSON data has changed and keep on top of diverging data.

If you need to apply JSON changesets across other JSON files, JSON Graft allows you to do that in a flexible and convenient way. Whether you need to update configuration files, keep data files in sync, or bring structural merging into your version control environment, DeltaJSON is the tool for you.

DeltaJSON comprises a suite of tools to assist you in managing versions of JSON data:



JSON Compare



JSON Merge



JSON Graft

The DELTAJSON Package



JSON Compare

Find the differences between two JSON files and present the results either as a JSON delta file, a two-way merged file or a JSON Patch file.



JSON Merge

Merge two JSON files together based on changes from their common ancestor. A structure-aware merge alternative to the line-based merge found in most version control systems.



JSON Graft

A powerful graft tool that allows you to graft a JSON delta onto any other JSON file. Similar to JSON Patch but far more versatile. Changes relevant to the target file are merged, all other changes in the delta are simply ignored.

REST API

DeltaJSON is deployed as an on-premise server with all functionality available via its REST API. This brings you the flexibility to access the toolkit however you want to. A command-line invocation, Postman calls, or a tight integration into your own environment all make use of the same simple API.

Configurable treatment of arrays

A unique benefit of DeltaJSON is a 'best fit' alignment across large data sets held in arrays. If there are ID values these are detected and used but they are not needed and good alignment can be achieved even where the two arrays have completely different IDs. Optionally configure DeltaJSON to align array members by position or as an ordered list if you prefer.

Configurable output formats

While JSON Compare can output the standard JSON Patch file, the default output is a richer delta file that contains the context of both of the original inputs. This format gives you the flexibility to process the changes in any way that you need to.

Granular text changes

When text strings differ, the delta file can display the changes as a single text block change, or at the more detailed word level.

Ignore changes

There are often changes between files that don't matter or don't provide useful information. Using the configuration file, certain changes can be ignored or even deleted entirely, allowing you to focus only on important changes.