Array Project

Typed array readers, composable validation types and array transformations

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Derafu Array

Pages in this section

- **Introduction** — Typed array reading, composable validation types and explicit array transformations in PHP
- **Readers** — Optional and required typed reads, null handling, integer keys, nested readers, sparse collections and typed views of the whole array
- **Writers** — Write nested arrays in place, create levels, remove keys, append to lists, merge values and defaults, and write in a scope of the array
- **Value Types** — Compose Derafu Value types for optional and required array reads
- **Paths** — Read and update nested arrays, transform dot notation and wrap values in lists
- **Casting** — Recursively interpret array values through ValueParser, or replace given or blank values by null
- **Trees** — Build parent-linked array trees and extract keyed outlines with nesting levels
- **Tables** — Transform column groups into rows, key-value pairs into arrays and row keys into columns
- **Combinations** — Generate subsets of a list with a minimum number of elements
- **Duplicates** — Find the items of a list that repeat the values of another one, comparing by paths at any level
- **Translations** — Translate array validation errors and register the package resource provider

Last updated on 15/11/2026