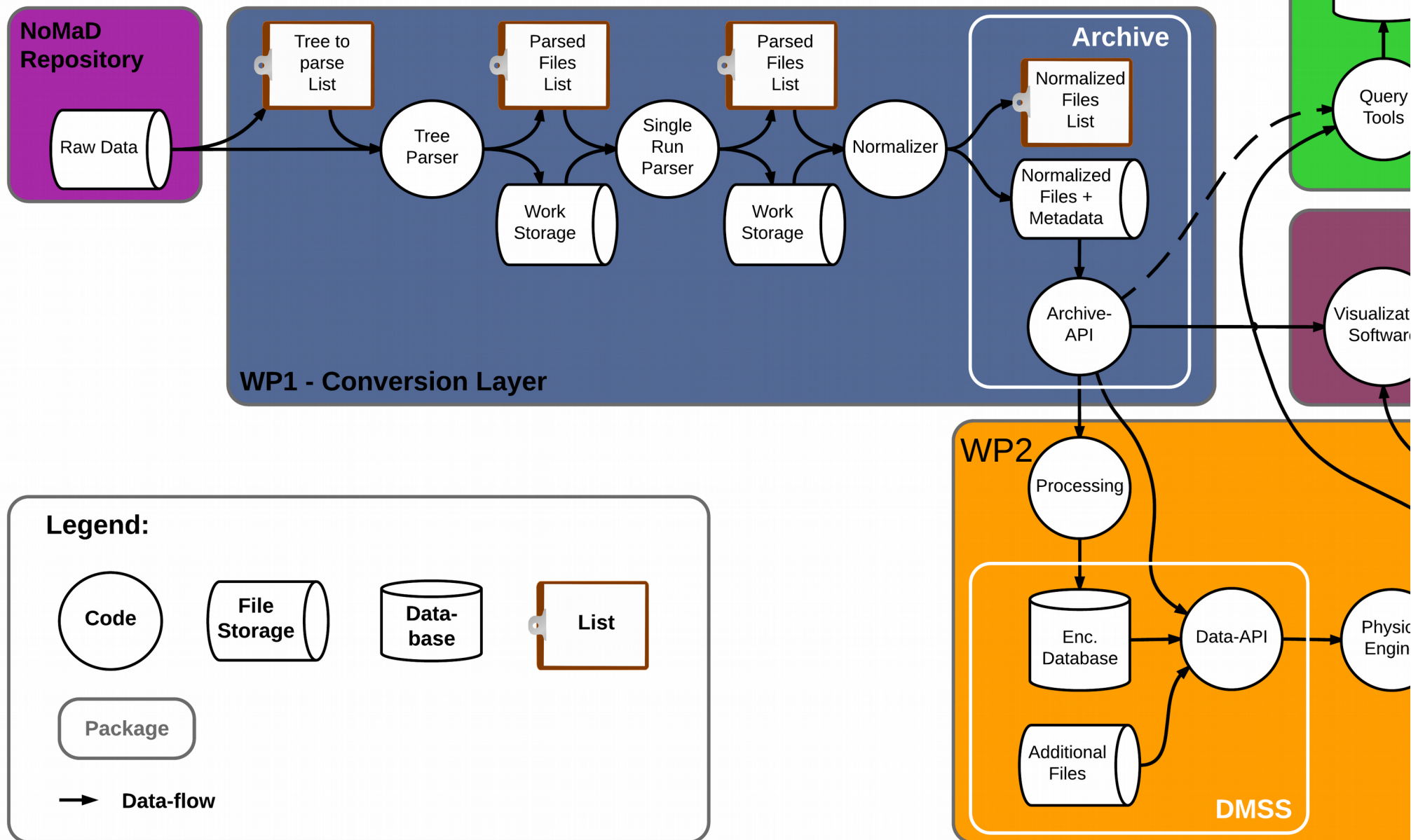


WP1, where are we: Parsers

<https://gitlab.rzg.mpg.de/nomad-lab/public-wiki/wikis/ParserAssignment>



WP1, where are we: Infrastructure

- Docker & Kubernetes
- Data preparation (Raw Data)
- Git describe for version numbers, and well defined unique identifiers
- Standardized json
- Started replication at FHI and in Finland

WP1, where are we: Archive

- # Archive now (version started today) on labdev-nomad (Garchin)
- Raw data: 258/~1200
- Standardized json: 1200/~2'000'000
- 1'335'639 metadata values (1'113 per calculation)
- # Expected Archive (next week)

2		WIEN2K
1823980		VASP
47		exciting
46219		FHI-aims
76773		Gaussian
581		CRYSTAL
5		Quantum ESPRESSO
330		CASTEP

Next Steps

- Infrastructure
 - Standardized Hdf5
 - Complete replication and documentation
 - Flink integration
 - Normalization
 - Parsers support
- Parsers
 - Write all parsers
- Archive
 - Use the data
 - Rest interface
- Other
 - Hackathon?