

PODIO - Applying plain-old-data for defining physics data models

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- PODIO (**P**lain-**O**ld-**D**ata **I**//**O**)
 - EDM data toolkit - developed in AIDA2020 project
 - efficient creation of EDM code for HEP in C++
- Features
 - automated code generation from *yaml* files
 - C++ and Python bindings
 - storing of **arrays-of-structs** or **structs-of-arrays**
 - support for different I/O systems (currently only ROOT)
- Users
 - FCC studies
 - plan to use also for *LCIO* for linear collider community

- GitHub repository + docs:
 - <https://github.com/hegner/podio>
- doxygen page:
 - <https://fccsw.web.cern.ch/fccsw/podio/index.html>
- issue tracker:
 - <https://sft.its.cern.ch/jira/projects/PODIO>
- general FCC software documentation page:
 - <https://fccsw.web.cern.ch/fccsw>
- plcio (EDM for LCIO w/ podio) git repository:
 - <https://stash.desy.de/projects/IL/repos/plcio>