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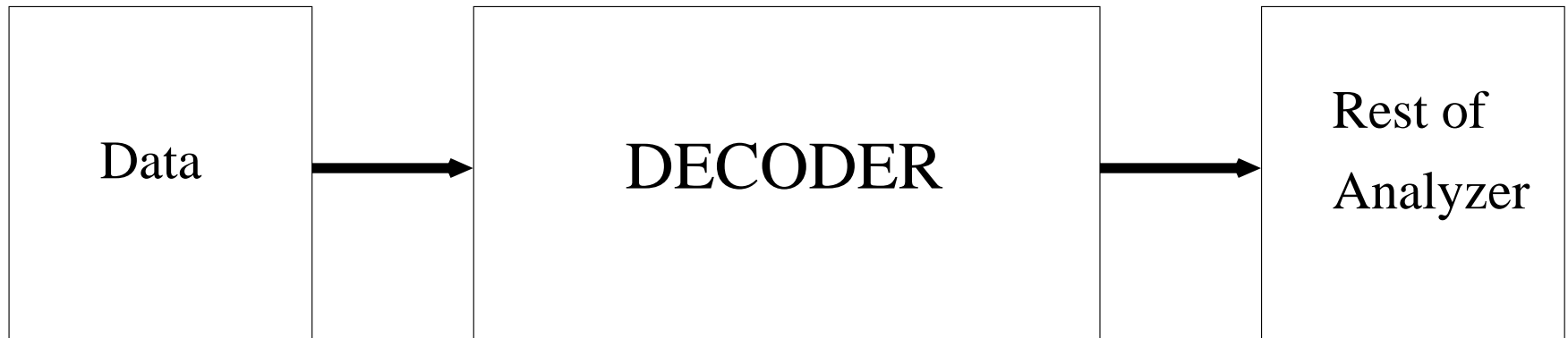
# Object Oriented Decoder Update

Bob Michaels

# Modify Decoder

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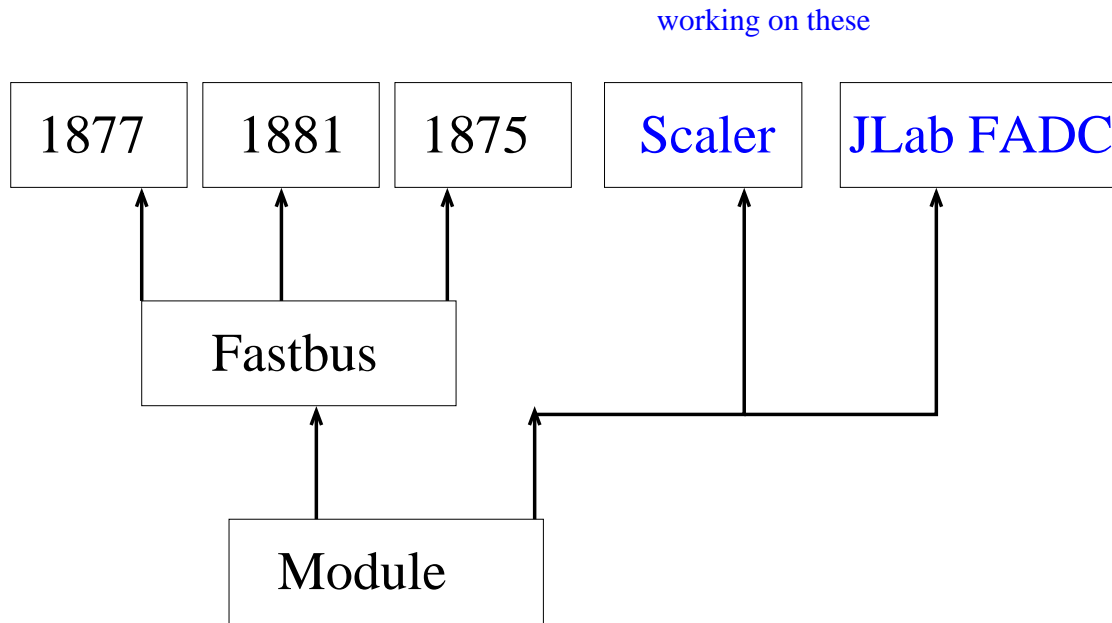
without changing existing interface



- Easier to add new modules (ADC, TDC, etc)
- Easier to handle event types in user-specified ways

# Module Status

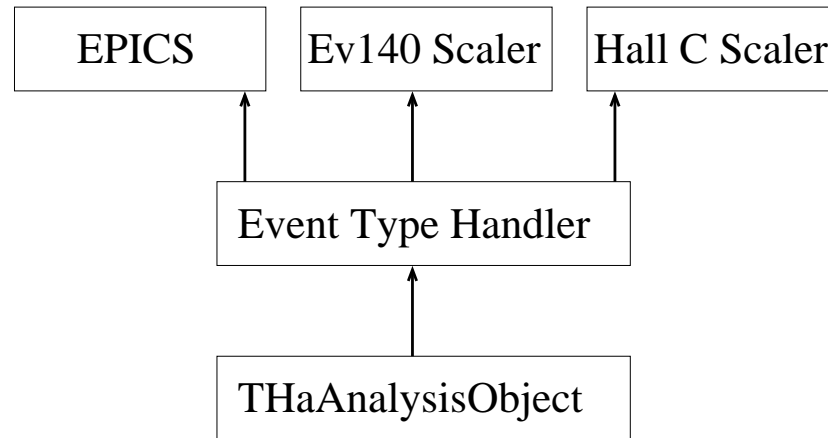
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- Fastbus decoding is ~working (still checking)
- Crate Map drives the creation of **module objects**
- In addition to modules, can decode “**flag data**”

# Event Type Handlers

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- A list of EventTypeHandlers used in THaAnalyzer
- EventTypeHandlers are THaAnalysisObjects, global and plug-ins
- They produce global variables, ROOT output, and end-run summaries

# To-Do List

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- Verify fastbus decoding yields identical to old decoder.
- Scaler Event Type Handler and Scaler Modules.
- Use FADC test stand data to develop FADC class.
- Test splitting of multiblocks in Podd and at DAQ level.
  
- Next report to A/C Software Meeting in August

Fini