EPICS User Interfaces

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EPICS: Distributed System

Servers

- IOC
- IOC
- IOC

Clients

- User Interface
- Archive
- Alarm Handler
Over the years
Over the years

Since ~1990:

```plaintext
record(ai, "my_record")
{
  field(DTYP, "MyDevice")
  field(INP, "@channel12")
  field(SCAN, "1 second")
  ...
}
```

More supported platforms:
vxWorks, RTEMS, Linux, OS X, Windows, ..
68000, Intel, PPC, Arm, ..

1. edd/dm 198x
2. medm 199x
3. edm 200x
4. CS-Studio 201x
   2009: BOY
   2017: Display Builder

Also:
tcl/tk/ca,
python/qt/ca, ..

Limited compatibility.
Example: ORNL/SNS

• Accelerator
  – EDM displays
  – CS-Studio Data Browser
  – CS-Studio Alarms
  – CS-Studio MPS Bypass Table

• Beam Lines
  – CS-Studio Display Builder (some older BOY)
  – CS-Studio Data Browser
  – CS-Studio Alarms (IHC)
  – CS-Studio Scan UI