

# SCADEC

## Direct Translators

## Demonstration

June, 2000

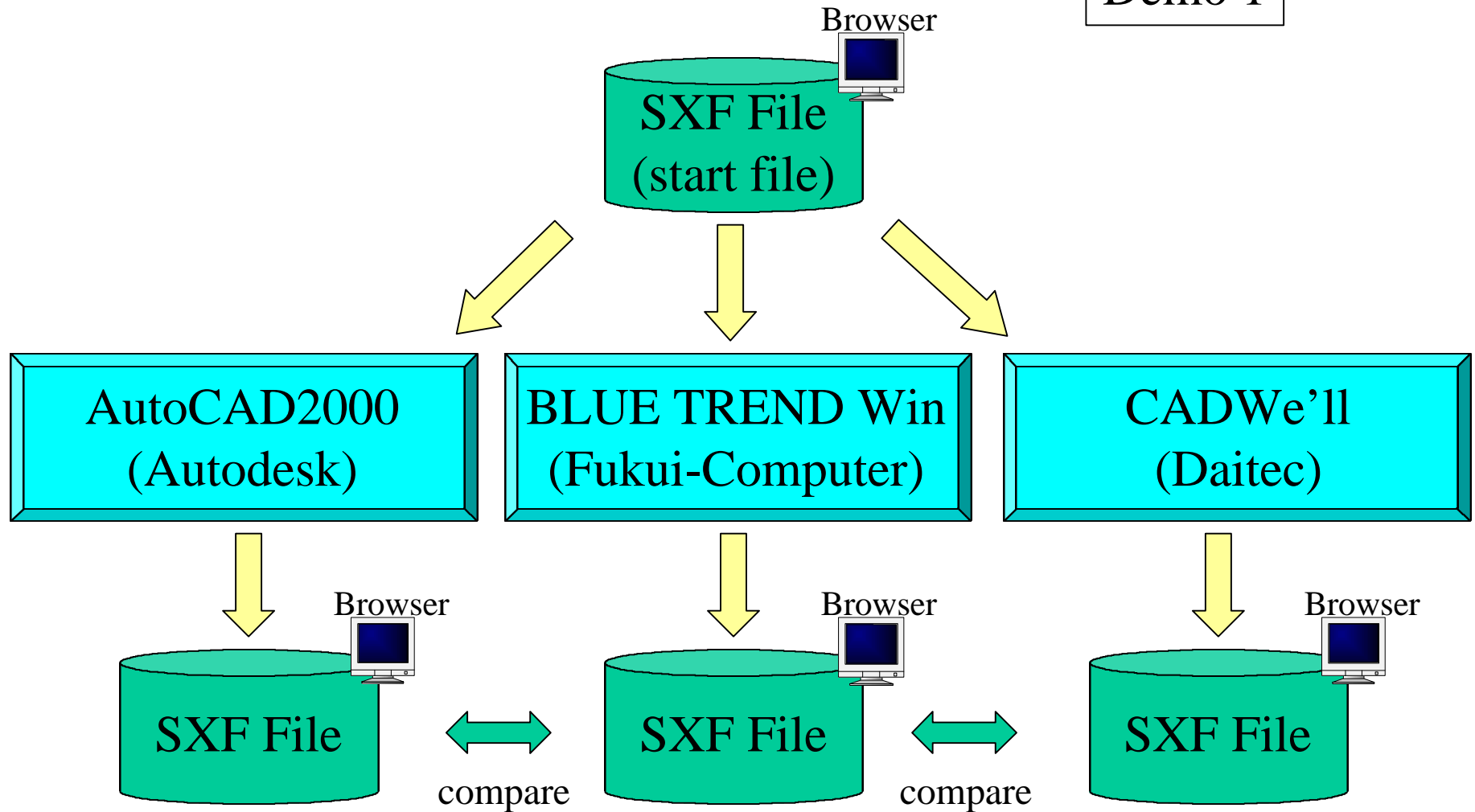
SCADEC

# Direct translators (for Demo)

## 3 CAD Systems

- AutoCAD2000 (Autodesk)
  - Multi-Purpose
- BLUE TREND Win (Fukui-Computer)
  - for Civil & Survey Engineering
- CADWe'll (Daitec)
  - for Civil,Architecture,Building service

# Demo 1

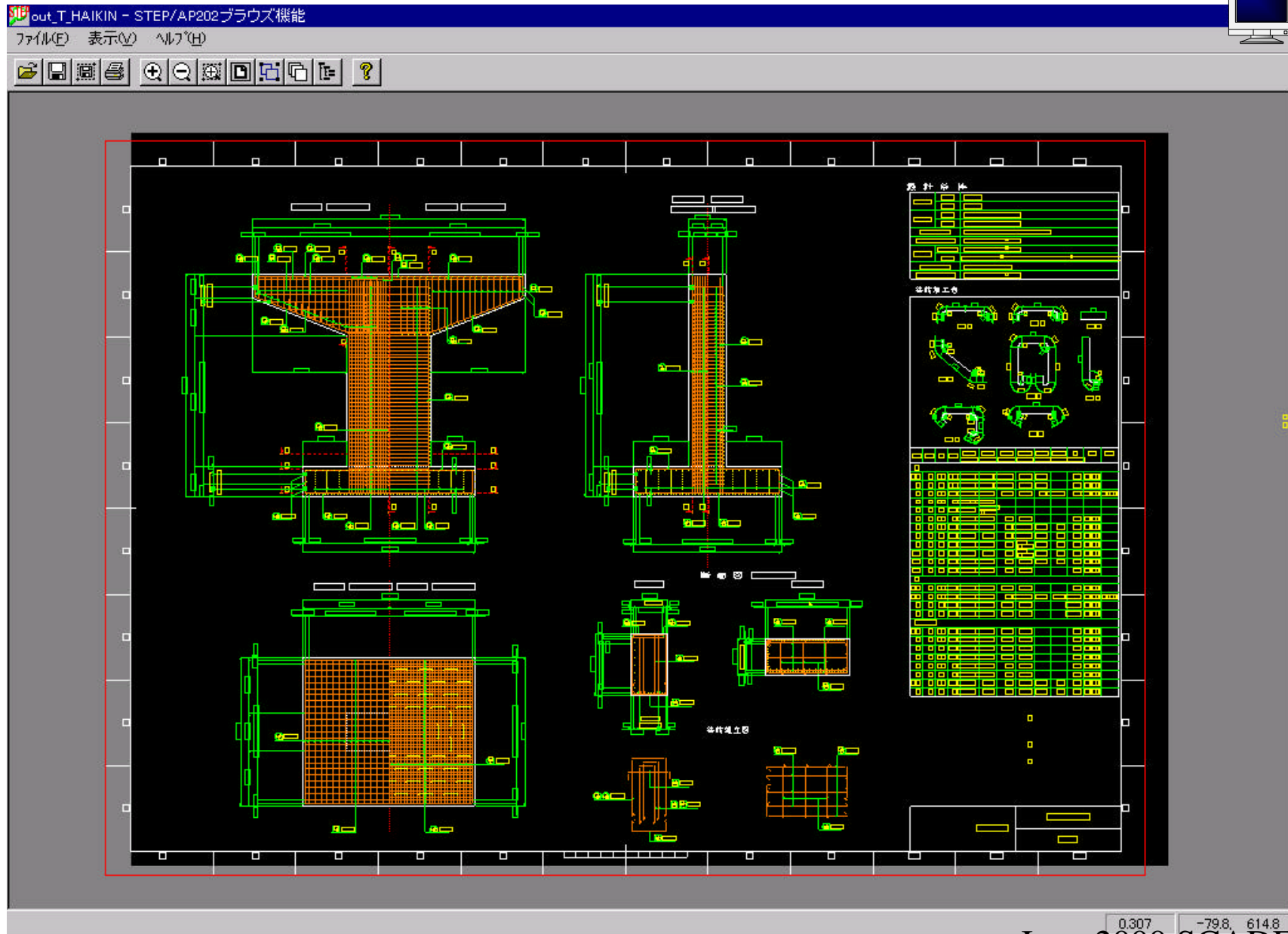


SXF=SCADEC eXchange Format

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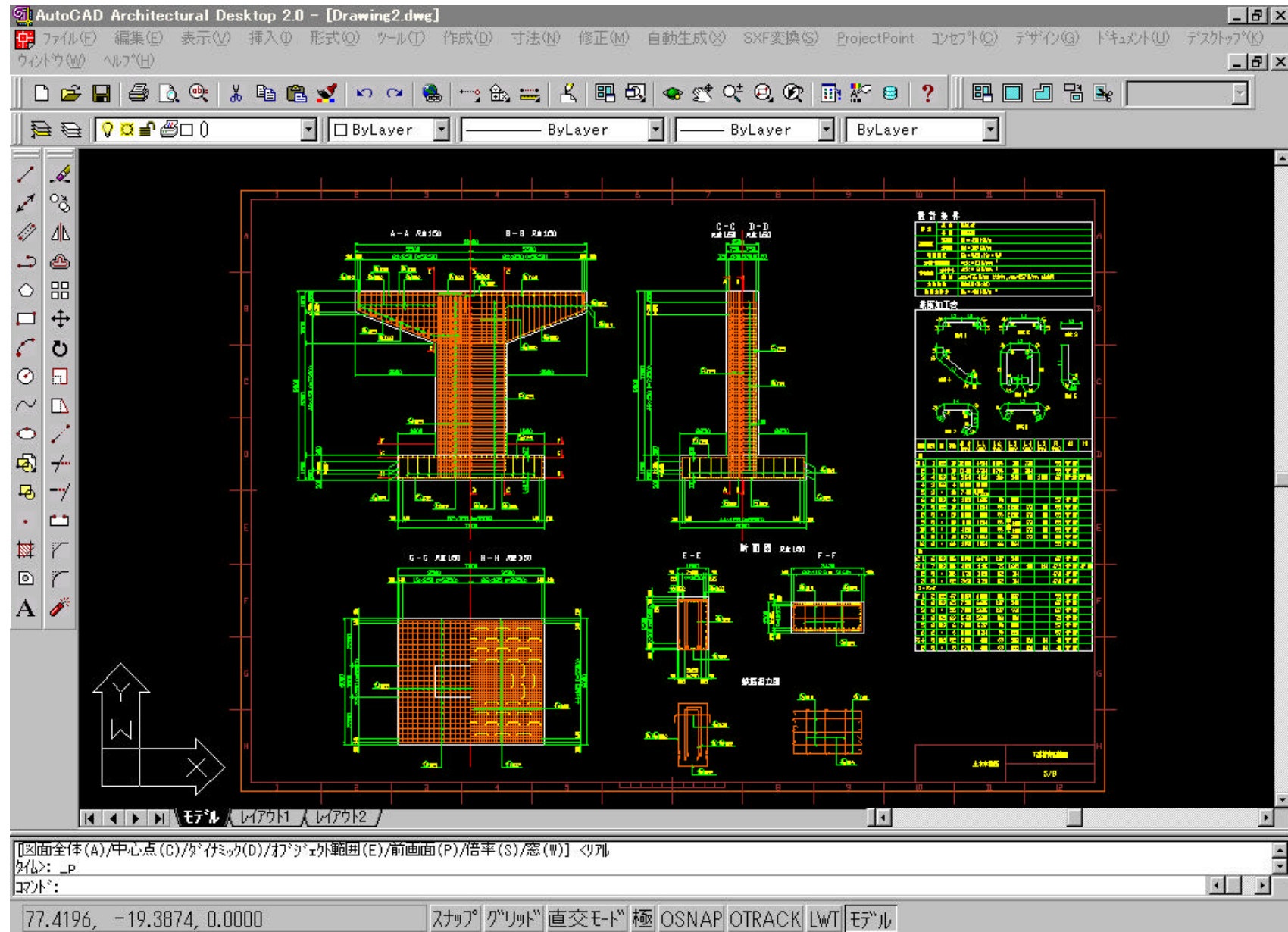
# Test File for Demo 1 (Bridge Bar Arrangement Drawing)

Browser



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# AutoCAD2000



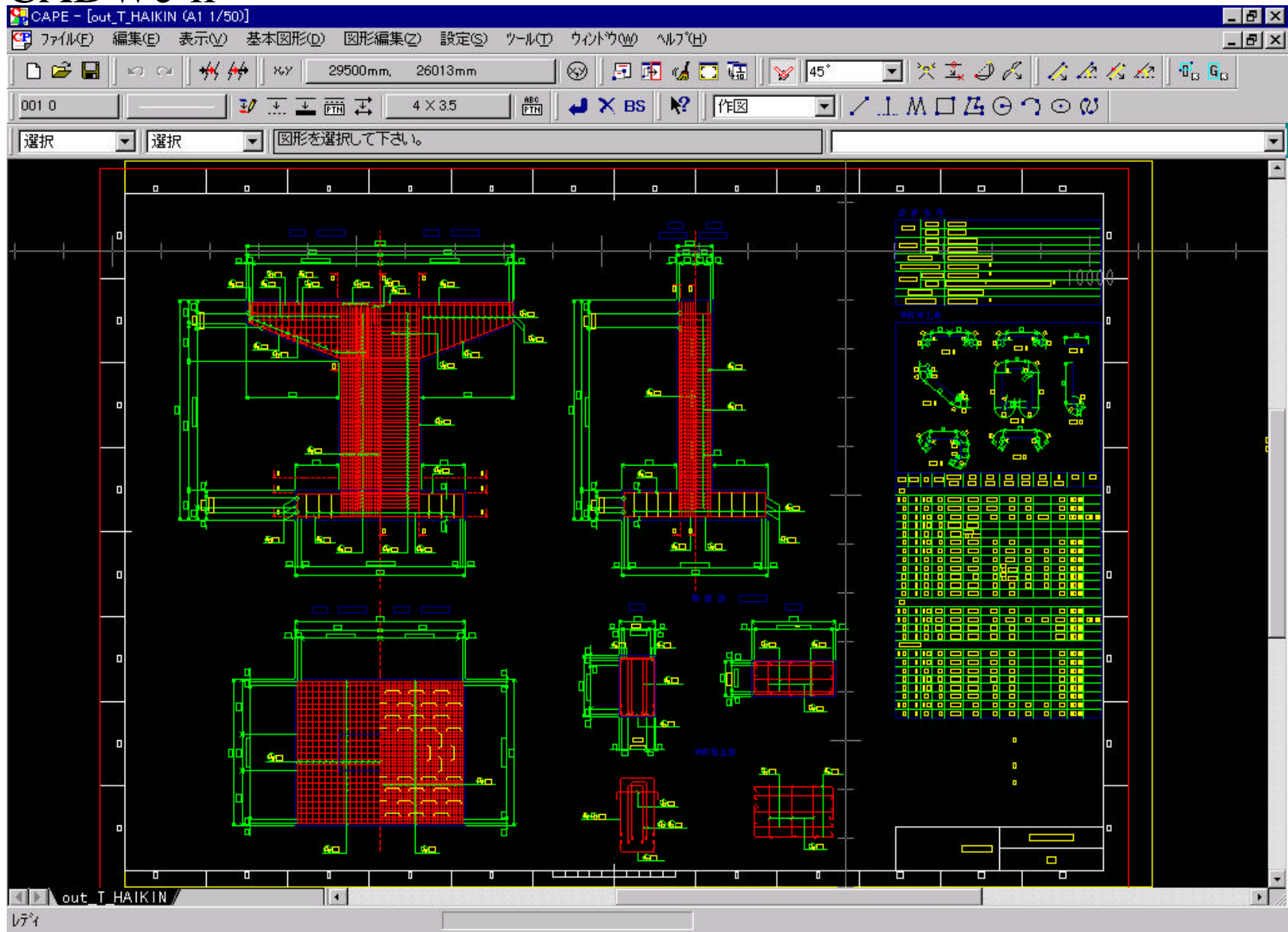
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[illegible]

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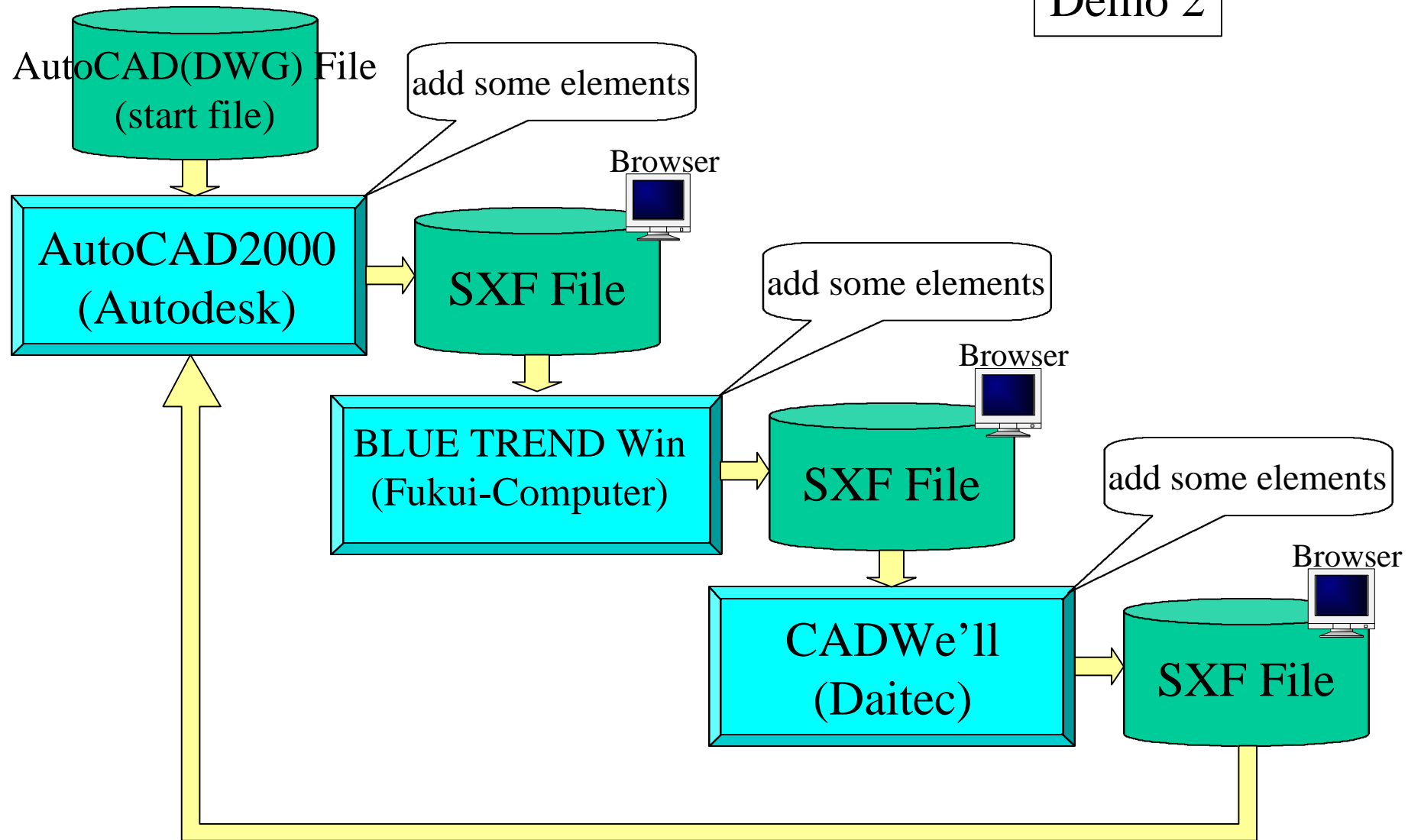


# CADWe'll



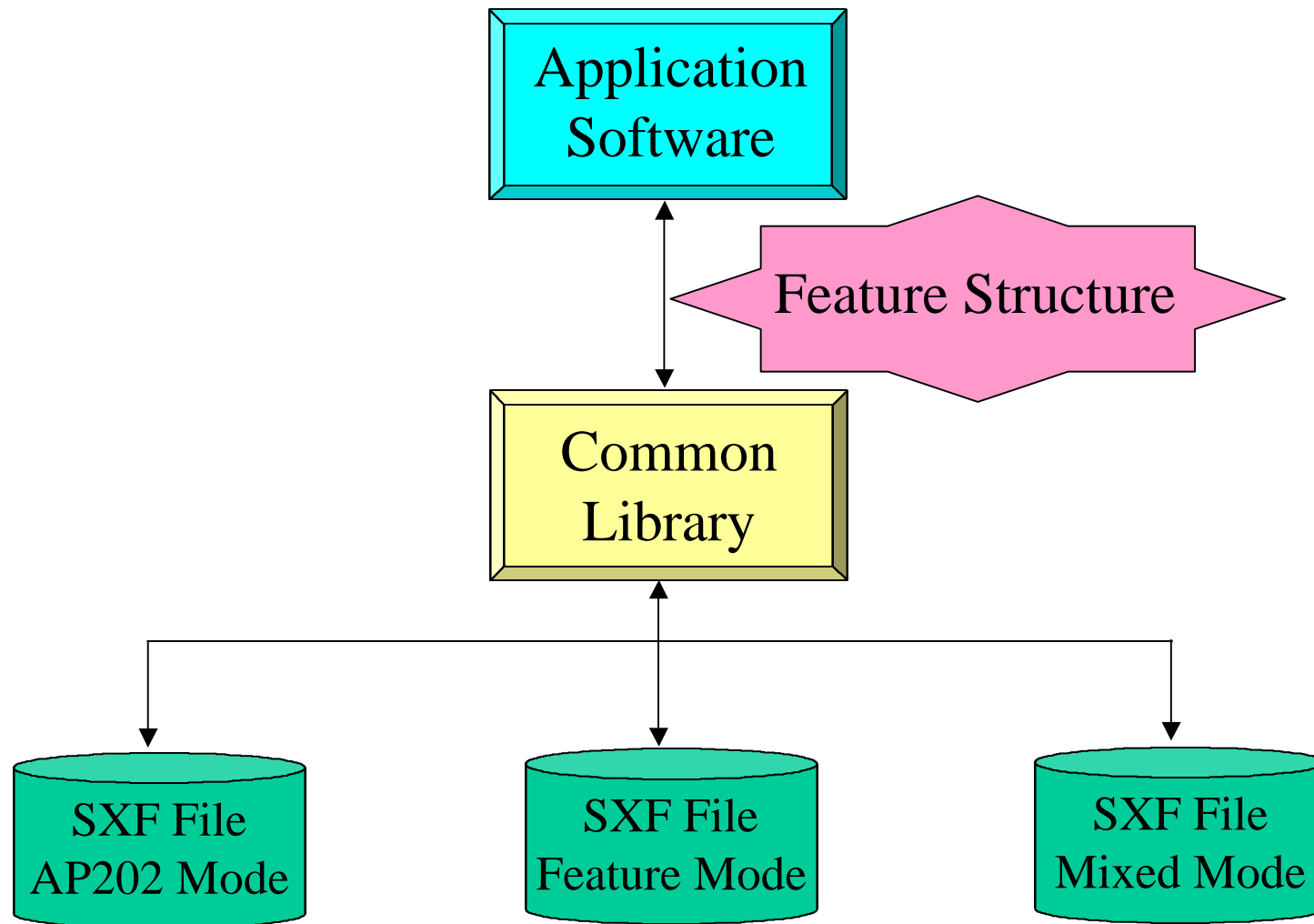
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Demo 2





# Mechanism of Input & Output for SXF files



# Practical Difficulties

## 1.Geometric Elements(line,circle,ellipse,...)

- No problems.

## 2.Text Elements

Needs to adjust CADs among venders

- Some fonts can be changed to other fonts.
- The out line of the fonts of one CAD can differ somewhat from another CAD.

## 3.Structured Elements(dimension,hatching,...)

- No problems have happened so far.

**There is no problem in Feature structure.**