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What is a bSa Challenge?

a presentation for bSa information exchange day

by bill.east@us.army.mil



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an independent assessment to
determine if software can
produce or consume NBIMS-US

information producers:

- format
- content

information consumers:

- correct import
- consistent usage



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common model:

- Medical Clinic Model
- construction contract drawings
- format independent
- responsibility matrix
- precedence of multiple model merging

testing:

- common testing program
- design and construction reports



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clinic project example

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results:

- native models
- plug-ins, configuration files, setup instructions
- output file tested
- results report
- assessment report
- published through bSa Means & Methods Page



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a reflection of development cycles

- demonstration
- implementation
- refinement
- popularization



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planning and design challenge

Building Programming information exchange (BPie) Demonstration

- dRofus
- Onuma System

Construction Operations Building information exchange (COBie) for Design

- AutoDesk
- Graphisoft

Design Data Management Solutions

- AutoDesk
- EcoDomus
- Graphisoft
- Onuma System



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construction challenge

COBie for Construction Update

- Case Study Report
- Open Source Android Apps for COBie
- Models and COBie Templates

COBie for Construction and Commissioning

- 4Projects
- ASite
- Quicx
- EcoDomus
- FacilityGrid
- Onuma System

Inaugural COBie Construction Team Meeting

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