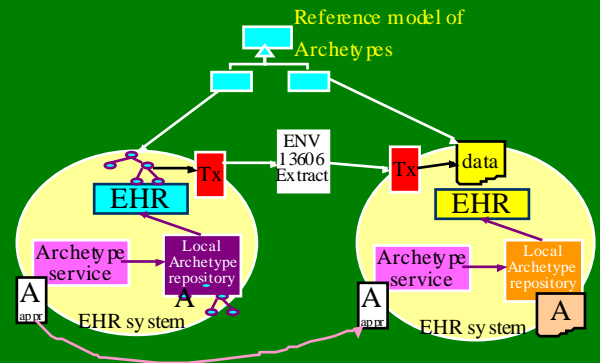


Archetypes, Templates and Data Communication

- Archetypes and templates are used *inside* EHR systems at data creation time, not at data transfer time
- The assumed reference model of shared archetypes should be rich, but also transformable to models in actual systems
- The model of transmitted data is a LCD model of data serialisation, not a semantic model of an EHR
- ⇒ archetype reference model is not the data communication model

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Communication of Archetyped Data



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What is needed for interoperability?

- Sharable archetype format (e.g. XML-ADL)
- Shared/agreed archetype reference model
- Archetype converter: shared archetype format local ⇒ archetype format
- Data converter: internal form ⇔ CEN 13606
- EHR kernel: processor for archetypes in local format to create data

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