New Features and Feelings
Tool Update and Roadmap

July 2020
ART-DECOR Expert Group (ADEC)
ART-DECOR Open Tools (ADOT)
Agenda

• New User Experience and Interface, New Languages
• Concept Maps
• FHIR® Questionnaire Maintenance (FQM)
• Other FHIR Support
• Centralized ART-DECOR Terminology Services (CADTS)
• Documentation Platforms and Features
• Roadmap
About ART-DECOR®

• ART-DECOR® is an open source tool suite that aims on interoperability solutions in healthcare

• … supports teams of experts who want to create, publish and maintain interoperability specifications and offers tooling support

• … features cloud-based federated Building Block Repositories (BBR) of interoperability components to foster re-use of components for interoperability
• ART-DECOR® is meanwhile used in about 80 projects around the world, mainly in Europe
• … hosts more than 10,000 artefacts from various expert teams (governance groups), from small and medium interoperability projects up to large National and International Infrastructure projects
About ART-DECOR®

• ART-DECOR® supports the creation, publication and maintenance of data sets, scenarios, terminologies and technical profiles for interoperable solutions.
Verbundforschungsprojekt "Verbesserung der Versorgungsforschung in der Akutmedizin in Deutschland durch den Aufbau eines Nationalen Notaufnahmeregistres" (AKTIN)
Anhand von Daten aus der Notfallmedizin werden Gefahren für die öffentliche Gesundheit, wie etwa der Ausbruch von ansteckenden Infektionskrankheiten, frühzeitig erkennbar. Dennoch stehen diese Daten bislang auf Bundes- und Landesebene weder in ausreichendem Umfang noch in ausreichender Qualität zur Verfügung. Wissenschaftliche Untersuchungen im Rahmen der Versorgungsforschung sind deshalb aktuell im Bereich der innerklinischen Notfallmedizin kaum möglich. Mit dem Verbundforschungsprojekt "Verbesserung der Ve...

Mehr sehen...
New UX and UI
New Languages

• English
• Dutch
• German
• Polish
• French
• Italian
• Qualified Mappings between and among clinical concepts, coded concepts, and technical elements
FHIR® Questionnaire Maintenance (FQM)

System A

Dataset
- Body temperature
- Body weight
- Blood Pressure
  - Systolic
  - Diastolic

Transaction
- Item 1..1
- Group 0..1
- Cond

FHIR® Questionnaire
- Prototyping
- Production

System B

See also our BLOG https://blog.art-decor.org

ART-DECOR® 3.0 - New Features and Feelings   © ART-DECOR Open Tools (ADOT)
New Terminology Browser and Features

• Google like Search across Multiple Terminologies
• Hierarchies
• Authoring of Value Sets, (Code Systems)
• Multiaxial Hierarchy
• Axes
• Panels
• Answer Lists
• Immediate Value Set Creation
SNOMED CT

- “Search all”
- SNOMED-CT Hierarchy, Relationships
- Immediate Value Set Creation
New Terminology

- Centralized ART-DECOR® Terminology Services (CADTS)

- Come with us, test and comment https://build.art-decor.org

- Keep in touch and stay tuned
  Newsletter option follows in July 2020,
  visit https://art-decor.org
Documentation Platforms and Features

- Mediawiki ✔
- Confluence ✔
- WordPress
- Plus Formats ✔

- Exported Artefacts
  - Datasets ✔
  - Scenarios ✔
  - Terminologie ✔
  - Templates ✔
  - Associations ✔
  - Profiles
  - Concept Maps

Already there since ART-DECOR 2.0
Roadmap (Highlights)

- New UI / UX, Microservices
- Better Scalability
- Higher Reliability
- Documentation Platforms
- Centralized ART-DECOR® Terminology Services (CADTS)
- More FHIR Support (Profiling)

art-decor.org/mediawiki/index.php?title=Roadmap
Expert Group and Open Tools

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Thank you!

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