11073 Tooling
HL7 F2F February 2020
Sydney

Michael Faughn
Prometheus Computing
Tooling Roadmap

- Finish migration into RTMMSv2
  - Analysis and sanity checks
  - Output terminology in <XML|JSON|CSV> for 3rd party review, post to IEEE, distribute to interested parties
- Common Model DPE
- RTMMSv2 Reference Site User Interface
- RTMMS Web Services
Tooling Roadmap

- 10201 DPEv2
- RTMMSv2 Management and Governance UI

Would / Could / Should

- 20601 DPE
- 10207 DPE
- Device Profile to FHIR IG
- Device Profile to v2 testing tools
## Some Projections

<table>
<thead>
<tr>
<th>Task / Feature</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>10101R Fully Migrated</td>
<td>ASAP</td>
</tr>
<tr>
<td>Model / Support Event / Alert Pairs</td>
<td>Done</td>
</tr>
<tr>
<td>Term Reference Site, alpha</td>
<td>Easter</td>
</tr>
<tr>
<td>Common Model DPE, alpha</td>
<td>Easter</td>
</tr>
<tr>
<td>Management / Governance Site, alpha</td>
<td>by Q3 2020</td>
</tr>
<tr>
<td>Web Services</td>
<td>by Q3 2020</td>
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</tbody>
</table>
Figure 12 NIST Tooling Framework for Device Profiling & Validation (Proposed)
RTMMS v2

● Complete Redesign
● Input for features and functionality welcomed and appreciated
● Early prototype is running
● RTMMSv1 99% migrated
● 10101R migration....
RTMMS v2 - Term Reference Application

- Information Only
- Search for terms to use with your devices
- Search by Refid, Description, TermCode, Device Type...what else?
RTMMS v2 - Management & Governance

- Manage term harmonization
- Manage term standardization workflow from term proposal to IEEE Publication
- Faster publication of new terms / standards
  - Automated content generation for standards documents and supporting artifacts.
RTMMS v2 - Web Services

- Interface for Device Profile Applications(?)
- FHIR Value Sets
- What else?
Common Model Containment Profiles

- MDS
- VMD
  - obx_is_optional : Boolean
- Channel
  - obx_is_optional : Boolean = true
- Metric
- Facet

NomenclatureTerm:
- refID
- term_code
- status
- etc...

Unit
- EnumValue
- LOINC_Term

UCUM_Unit