BPM+ Health Community Overview

Vision, Overview, and Community Structure

An OMG Managed Community
So what does interoperability look like today?

Argonaut
CDA/CCDA
CCR
CareQuality
CIMI
eHx
FHIR
HL7 v2.x
LOINC
NCPDP
RxNorm
SNOMED
SOLOR
X.12
...

Data Interoperability

Knowledge Interoperability

Process Interoperability

BPM+
BPMN
CPG on FHIR
CQL

FHIR Care Plan
FHIR Workflow

AHRQ ACTS
CDS Connect
CDS Hooks
CQI
EBM on FHIR
HL7 KNART
MCBK
SMART on FHIR
...

...
### Understanding Data Interoperability

<table>
<thead>
<tr>
<th>Data Elements</th>
<th>Terminology</th>
<th>Data Meaning</th>
</tr>
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</table>
| • Identify data of interest  
  • Establish common definitions  
  • Capture structure & interrelationships | • Define common codes  
  • Manage semantic relationships  
  • Curate and manage meanings  
  • Version managed  
  • May be combined (post-coordination) | • Sharable, consistent across systems  
  • Durable over time  
  • “Computable” |
Health processes & best practices are ever changing
Every discipline, professional society, and organization uses their own “language”
Adoption of best-practices is inconsistent and difficult

Industry convergence around a common “language” would simplify sharing, authoring, and adoption
Need commercial tools to author, simulate, and consume workflows

BPM+ is an open “community of practice”
Based on industry standard languages
Supported by commercial tools
Focus is on advancing “sharable”, interoperable processes
## BPM+ “At A Glance”

### Why?
- “Best Practices” change faster than we can
- Workflow change is too hard and too $$$
- Systems don’t well support workflow needs
- Health industry speaks too many dialects

### What?
- Member-driven “Community of Practice”
- Establishes “common language” for workflows
- Based on Open Standards
- Underpinned by OMG, a 30+yr nonprofit SDO

### How?
- Open, transparent, egalitarian ecosystem
- Workgroups for each phase of lifecycle
- Attract and empower industry talent
- Low barriers to engagement; open assets

### Who?
- Providers, prof. societies, vendors, payers
- Open to members and non-members
- Support from AHRQ, HIMSS, HL7, NCQA, Logica

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### BPM+ Health

- Authoring
- Process Automation and Enablement
- Org. Adoption & Change Management
- Academic and Professional Education
- Methodology
What is BPM+ Health:

- A member-driven community of practice
- A place to collaborate to advance the “state of the practice” with peers and competitors
- Open environment in which anyone may engage
- Standards-based (but not an SDO)
- An egalitarian, “level” playing field
- A collection of passionate, engaged, people advancing the next generation of health care and HIT
# BPM+ Sub-Communities: The Value of Peer Collaboration

## Authoring
- Focus on writing/distributing content
- Healthcare practice patterns

## Organizational Adoption & Change Management
- Bringing pathways into institutional use
- Intersect between pathways, HIT, and human resources

## Process Automation and Enablement
- Approaches for IT implementation (tooling and execution)
- Ingesting and using externally sourced pathways

## Methodology
- Maintain expression formalisms
- Develop/maintain authoritative guidance; feedback to SDOs

## Academic and Professional Education
- Develop curriculum for accreditation
- Workforce development

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## Activity Spotlight (not an exhaustive list)

<table>
<thead>
<tr>
<th>What it Is</th>
<th>What it Does</th>
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<tbody>
<tr>
<td>Advanced Directive/eConsent Reference Implementation</td>
<td>Shows a working example of applied BPM+ Health languages and techniques as applied to the eConsent problem space [Thu, 11a EDT]</td>
</tr>
<tr>
<td>BPM+ Adoption “Playbook”</td>
<td>A guide to help healthcare organizations self-assess and advance their adoption and change management practices to better accommodate new care pathways and workflows [Wed, 11a EDT]</td>
</tr>
<tr>
<td>Pedigree and Provenance Modeling Notation (PPMN); Situational Data Model and Notation (SDMN)</td>
<td>Addresses a gap in the model language portfolio to express historical and contextual relevance to process modeling.</td>
</tr>
<tr>
<td>COVID Navigator [Alpha]</td>
<td>To be good global citizens, developed a portal to cross-relate COVID knowledge and papers to assist in discovery of relevant content [Wed, 3p EDT]</td>
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</table>
Five Things to Know

- Participation is open to all comers
  - *Our call calendar is public, and you do not need to be a member participate*
  - *Community-produced assets are free to download and use*

- We are engaging in high impact collaborations
  - *Formed strategic relationship with Integrating the Healthcare Enterprise ([http://ihe.net](http://ihe.net))*
  - *Participating in emerging eConsent/Advanced Care Planning Community ([http://econsentcollaborative.org](http://econsentcollaborative.org))*

- Pivot toward the Strategic
  - *We are Pro-Actively working with CPG on FHIR, EBM on FHIR, ACTS)*
  - *Steering committee (now forming) will develop a community roadmap and strategic objectives*

- Community Tooling is Coming
  - *We are establishing developer test-beds, reference implementations, environments*
  - *Vendor-members have made modeling tools, workflow execution tools, etc. available for non-commercial community use*
  - *Enhancing environment for distributed collaborative work*

- Elections are going now
  - *Co-Chair election voting is commencing, opening this week*
  - *Following co-chair elections, we will be electing the BPM+ Health Steering Committee*
  - *Must be a member to vote – one organization, one vote*
BPM+ Health By the Numbers…

- 2700 visitors/month to the website
- 2500+ list subscribers
- 4600+ Video/ on-demand views
- 750+ downloads of the Field Guide
- 35 Member Organizations
- 17 ambassadors
- 12 Co-Chairs
- 5 Working Groups
- 2 COVID Projects
- 1 Collaborative Community
- 1 year since launch

*As of June 2020
This week…

**Tuesday**

11a (this session)
12p Consortium of Consortia
1p Jumpstart

**Wednesday**

11a Readiness Assessment
Maturity Model & Playbook

130p Building Interoperable
Clinical Pathways: Education
Case Studies

3p COVID Navigator Demo

**Thursday**

11a eConsent and Advance
Care Directives

3p Implementation Showcase
“The hardest thing to pick up in a sea of noise is the thing that didn’t happen.”

Shane McNamee, MD

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