An Execution Platform for Extensible Runtime Models (short paper)

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Context

❤️ Cumbia
  ✔️ Extensible workflow engines and applications

❤️ Monitoring is very important
  ✔️ Different stakeholders
  ✔️ Different views on runtime data
    ✌️ Technical Information
    ✌️ Business Information
Raise the level of abstraction

Business Elements

Products

Providers

Users

Components, Databases, Services ....

Implementation Elements
Raise the level of abstraction

- During runtime
  - Monitoring
  - Reasoning

- During development
  - Evolution
  - Maintenance
Executable Models
Overview of the platform
Overview of the platform

Cumbia Platform

Open Object

<table>
<thead>
<tr>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>activate()</td>
</tr>
<tr>
<td>suspend()</td>
</tr>
<tr>
<td>restart()</td>
</tr>
<tr>
<td>getData()</td>
</tr>
<tr>
<td>finish()</td>
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</tbody>
</table>
Overview of the platform

Cumbia Platform
Thank you!