OUR MISSION

Improve health by creating a vibrant, open ecosystem of interoperable platforms, applications, and knowledge assets.
OUR VISION

Be a provider-led organization that accelerates the delivery of innovative healthcare applications that improve health and healthcare.
HSPC Developers Portfolio

**HSPC Developers Portal**
The resources needed to jump start any health app project: guides, tutorials, code samples, open source libraries, dev forums, etc.

**HSPC Sandbox**
A personal instance of a SMART on FHIR platform in the cloud, complete with tools and sample data to help developers build and test health apps.

**HSPC Gallery**
HSPC's Gallery shows off some of the best SMART on FHIR applications. Browse or even take them for a spin with our live demo feature.
Introducing HSPC Developers

The Healthcare Innovation Ecosystem
You build amazing health apps. We’ve got the tools to help.

LEARN MORE
SDK’s & Libraries
With HSPC and SMART’s integration libraries, you can focus on building great apps and less on data transmission and security code.

Samples & Tutorials
Not sure how to get started? With our samples and tutorials library, you’ll be up and running in no time.

Documentation
Need to dive deeper into FHIR, SMART on FHIR, or HSPC’s SDKs? Our documentation library will help.
Introducing HSPC Sandbox

HSPC Demo Sandbox

Launch Scenario Details
Launch App as a Practitioner with Patient Context
Description: Test Bill

Persona: Kurtis Giles, MD
Launch As: Kurtis Giles, MD
User ID: Kurtis@hspsandbox
Resource Type: Practitioner

With Context:
Patient: Baby Bill
Encounter: None
Location: None
Additional Context Parameters:
Key | Value
--- | ---

Launch Scenarios

<table>
<thead>
<tr>
<th>Description</th>
<th>User Persona</th>
<th>Patient Context</th>
<th>App</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Bill</td>
<td>Kurtis Giles, MD</td>
<td>Baby Bill</td>
<td>Bilirubin Chart</td>
</tr>
<tr>
<td>Testing custom app</td>
<td>Kurtis Giles, MD</td>
<td>Daniel X. Adams</td>
<td>Custom App</td>
</tr>
<tr>
<td>A1S Test Scenario</td>
<td>Baby Bill</td>
<td>Baby Bill</td>
<td>Bilirubin Chart</td>
</tr>
</tbody>
</table>

Additional Scenarios:
- All Dr. Giles Appointments
- All Buford Cottril's Appointments
- Cardiac Risk
- BP Centiles
- Pediatric Growth Chart
- Bilirubin in High Risk
- Bilirubin with High Risk -Resolved

Launch and Close Scenario
HSPC Sandbox Goals

- Accelerate development of health apps by providing:
  - Development focused reference implementation hosted in the cloud
  - SDKs
  - Tools & Utilities
  - Tutorials, Implementation Guides, Samples, and Documentation

- Reduce time to integrate with commercial HSPC and/or SMART on FHIR capable platforms (such as EHRs, HIEs, etc.)

- Contribute to the Health IT Community:
  - Free to use (membership in HSPC is not required)
    - Funded by Intermountain Healthcare & HSPC
  - Open source: https://bitbucket.org/hspconsortium/
The HSPC Sandbox is a personal instance of a SMART on FHIR platform in the cloud, with tools and data to help build and test health apps.

- Create your own cloud-based sandbox, w/default data set, in a few clicks.
- Run against your own FHIR server (open or secured).
  - Support for DSTU2 or STU3 (1.8)
- Invite your team to join and collaborate with you on your sandbox.
- Create or import clinical data to test your apps.
- Test apps by creating Personas and Launch Scenarios.
  - Support for mobile, embedded web, stand-alone, and back-end.
- Verify your app follows the SMART security and launch context standards.
Demo of HSPC Sandbox

Dashboard

My Sandboxes

<table>
<thead>
<tr>
<th>Sandbox Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>U of U Sandbox</td>
<td>Collaboration with the U of U</td>
</tr>
<tr>
<td>Amy's Sandbox</td>
<td>Amy's Development Testing Sandbox</td>
</tr>
<tr>
<td>iSalus Solutions Sandbox</td>
<td>iSalus Solutions Collaboration</td>
</tr>
<tr>
<td>QA Sandbox</td>
<td>QA Sandbox</td>
</tr>
</tbody>
</table>

Create Sandbox

Sandbox Invitations

<table>
<thead>
<tr>
<th>Invited By</th>
<th>Sandbox Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travis Cummings</td>
<td>Intermountain QA Sandbox</td>
</tr>
</tbody>
</table>

Accept | Reject
Introducing HSPC Gallery

- Bilirubin Chart
- Growth Chart
- BP Centiles
- Cardiac Risk
- Duke Pitbox
- Patient Data Manager
- Meducation RS
- Meducation Timeview

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HIT Developers Conference
Presented by HSPC

March 30-31, 2017
New Orleans, LA
$199/attendee

Register Now
View Agenda

*Space is limited

About
HSPC is excited to announce its first annual HIT Developers Conference happening March 30-31, 2017 in New Orleans, Louisiana. This year's conference will focus on the emerging SMART on FHIR ecosystem and will feature presentations from Allscripts, Cerner, Epic, HSPC, prominent providers, and HIT developers.

Register now at developers.HSPConsortium.org/events
HSPC Developer Resources

HSPC Developers: http://developers.hspconsortium.org

HSPC Sandbox: http://sandbox.hspconsortium.org

HSPC Gallery: http://gallery.hspconsortium.org
Questions?