Getting Started with Touchstone
Welcome Gravity Project
Touchstone

• Is available as a publicly accessible cloud-based testing platform
  • Touchstone.com
• Provides automated, internet-based interoperability testing of the HL7® FHIR® specification (and including CDS-Hooks)
• Tests the FHIR RESTful API interactions between both FHIR Server and Client implementations
• Allows easy access to test against the AEGIS.net WildFHIR servers
Getting Started with Touchstone

• All testing participants need to first Register with Touchstone

• Organizations may have 1 or more registered users on Touchstone (based on the organization’s subscription level)

• Registration and acceptance of registration must be completed before any testing can begin

• An organization will typically have at least 1 test system and may choose to run tests against other publicly available test systems
Touchstone Landing Page

Please Sign In

carie.hammond@aegis.net

Domain:
HL7 FHIR

Sign In

Don't have an account? Register
Forgot password? Reset Password
Register to use Touchstone
Register to use Touchstone

Upon selection of your ORG, users will receive this message:

Upon entering Registration information successfully, users will receive this message & be allowed to either create a new ORG or join an existing ORG:

Organization Registration

- Become a member of an existing organization:
- Create a new organization

Your request to become a member of 'aegis testing' has been received and is pending approval. You will be notified via email when that request has been approved.
Register to use Touchstone

Register to use Touchstone

Only ORG Reps can APPROVE memberships in your ORG. Access USERS and look for PENDING registrations.
Role-Based Access

ORG Reps can set access for their members

- Select a USER to gain access to edit their role
Role-Based Access

TOUCHSTONE

Edit Privileges

Name: Peter Gibbons
Email: peter.gibbons@intech34.com
Organization: Inttech
Roles: Tester,
Message to Peter Gibbons:

Reject Membership Request
Approve Membership Request
Register a Test System

• To run tests, a Test System must be known to Touchstone
• From the top menu
  • Go to Test Systems
  • Select New Test System
• Once selected, a new entry for Test System will display
Register a Test System

There is always online documentation to guide you along as well: https://touchstone.aegis.net/touchstone/userguide/html/test-systems/creating.html
If your Test System requires an OAuth2 access token, select OAuth2 and enter the Access Token in the field that will display once checked.

- **Requires**
  - **Access Token**
    - J1qK1c18UGJFAzz9xnHi5758412

**Test Setup**

- **Name**
  - FHIR3-0.1-Basic--AllergyIntolerance-client.id.json

- **Destination (FHIR Server)**
  - AEGIS.net, Inc. - Test System for Demo - http://wildfhir.aegis.net/fhir3-0-1

- **Access Token**
  - J1qK1c18UGJFAzz9xnHi5758412
# Test Systems List

## Test Systems

**Organization:** AEGIS.net, Inc.  
**Base URL:**

<table>
<thead>
<tr>
<th>Test System</th>
<th>Spec</th>
<th>Conformance</th>
<th>Formats</th>
<th>Created By</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMART on FHIR Open DSTU2 Server</td>
<td>FHIR 1.0.2 - DSTU2 Official</td>
<td>HL7_FHIR</td>
<td>JSON, XML</td>
<td>Richard Ettema</td>
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<tr>
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<td>FHIR 1.0.2 - DSTU2 Official</td>
<td>HL7_FHIR</td>
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<td>FHIR 1.4.0 - STU3 CQF</td>
<td>HL7_FHIR</td>
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<td>JSON PATCH, XML PATCH</td>
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<tr>
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<td>HL7_FHIR</td>
<td>JSON, XML</td>
<td>Richard Ettema</td>
</tr>
</tbody>
</table>
Tests in Touchstone
How to Run a Test & See Results

Live Demo