The following systems provide support for automated testing of FHIR clients and/or servers, including leveraging the TestScript and TestReport resources:

- **Inferno** - Inferno Framework is a rigorous and extensible testing development framework for HL7® FHIR® and beyond.
  - Successor to **Crucible** - open source testing tools for FHIR
- **Touchstone** - Testing FHIR Client or Servers using Test-Driven-Development (TDD)
- **IHE / NIST** have developed a TestScript based test tool that is predominantly used today to test the IHE-MHD implementation guide. [https://github.com/usnistgov/asbestos](https://github.com/usnistgov/asbestos)
- **IHE** - Gazelle includes test automation leveraging the profile validation tooling.
- **AHDIS/ Matchbox** – [https://github.com/ahdis/matchbox](https://github.com/ahdis/matchbox)

Incoming links from the FHIR specification

- Implsupport-module - FHIR v4.3.0 (hl7.org)