



Data Usability Workgroup

June 20, 2024

Agenda

- Welcome, Introductions, Membership, Agenda - Adam Davis, MD – 5 minutes
- Overview of Future Efforts for Version 2.0 of the Implementation Guide - Bill Gregg, MD – 5 min
- Data Usability Taking Root Community of Practice Update – Didi Davis – 5 minutes
- Data Usability Implementation Guide Version 2.0 Review – Didi Davis – 40 minutes
- Save the Dates: The Sequoia Project Annual Meeting 2024 – 5 minutes
- Workgroup Discussion & Q&A – Didi Davis, Co-chairs and Workgroup



Adam Davis, MD, Co-chair
Sutter Health



Bill Gregg, MD, Co-chair
HCA Healthcare



Didi Davis, VP
The Sequoia Project

Workgroup Members

391 Organizations

488 Participants



Healthcare Providers



Public Health



Consumer/Patient



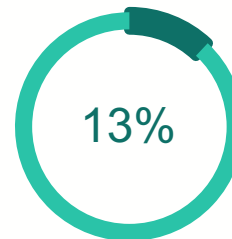
Standards Developer



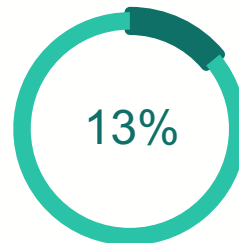
Health Plan/Payer



Federal, State, Local Government



HIN/HIEs



Other



Health IT Developers



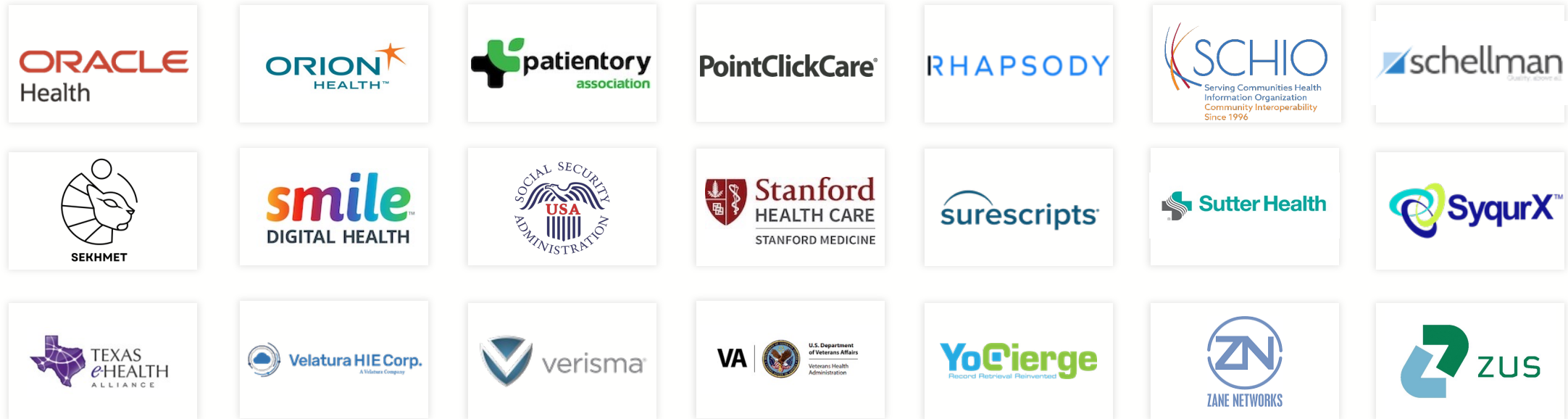
Sequoia Members Shape Interoperability for the Public Good



Sequoia Members Shape Interoperability for the Public Good

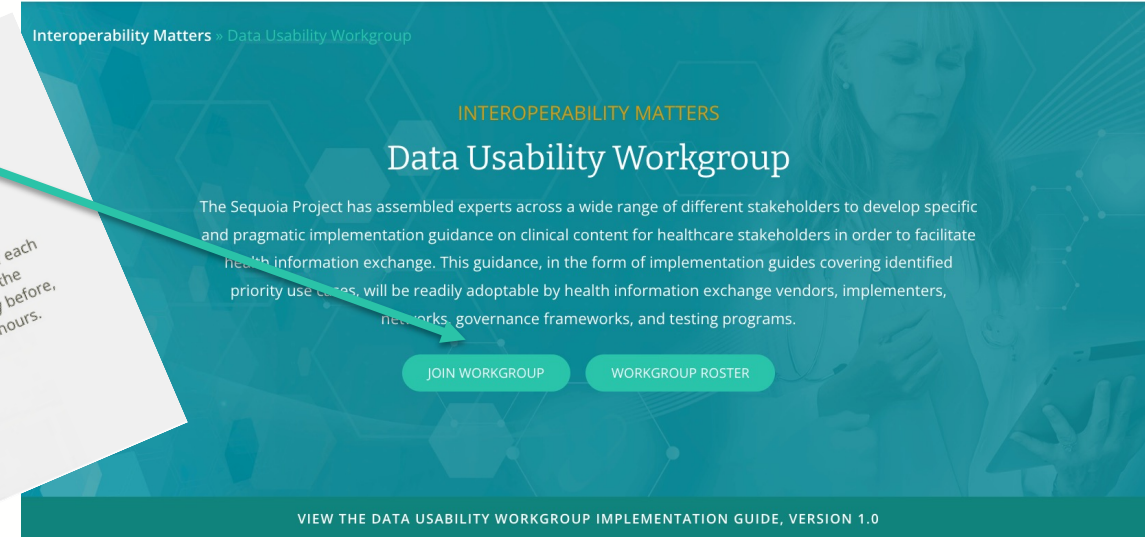
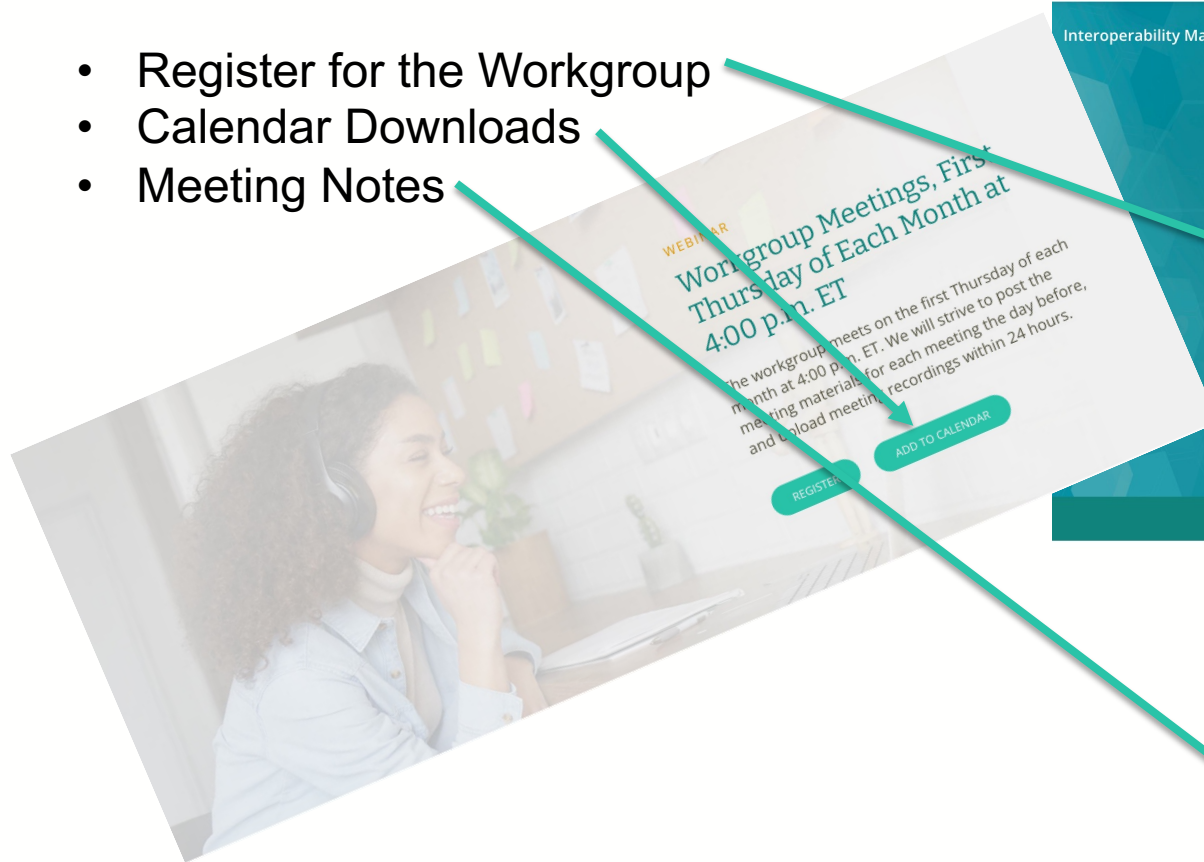


Sequoia Members Shape Interoperability for the Public Good



Website, Meeting and Workgroup Logistics

- Register for the Workgroup
- Calendar Downloads
- Meeting Notes



Meeting Materials and Recordings

2023 - 2024


2020 - 2022

▶ February 8: Lab Tiger Team Meeting

▶ February 1: Meeting Notes

▶ January 11: Lab Tiger Team Meeting

▶ January 4: Meeting Notes

 <https://sequoiaproject.org/interoperability-matters/data-usability-workgroup/>
Interopmatters@sequoiaproject.org

Laboratory Tiger Team

Laboratory Pain Point - Use Case - Standards Tracking

7. Laboratory Results Interoperability

Problem Statement

The current state of lab results interoperability across the health care community is poor. The lack of this interoperability affects the ability for clinicians to provide safe, high-quality, low-cost care. A broad community of clinical experts and stakeholders developed a preliminary list of lab results that are most valuable for care management, clinical decision support and quality measures across the care continuum. Thus, their providence and mapping for interoperability should be a high priority focus with their use across information systems to preserve clinical intent and meaning and prevent patient safety and data quality issues.

There are initiatives such as SHIELD, working on national laboratory interoperability needs. Meanwhile, health systems and vendors can work with their partners providing or exchanging laboratory data to help ensure the following steps are taken to improve interoperability of laboratory data. Ensure laboratory data are:

1. **Electronic.** Paper doesn't cut it anymore.
2. **Discrete.** PDF and text blobs are physician readable, but not very computer readable and usable.
3. **Encoded.** Laboratory orders and results SHALL be LOINC encoded, while specimen types, sources, qualitative result values, and organisms SHOULD be SNOMED CT encoded. Encoding helps facilitate computer usability and semantic meaning.
4. **Messaged.** Typically, the performing laboratory (and laboratory community) exchanges laboratory data in various HL7 v2.x messaging formats. LIS/LIMS do not currently have FHIR functionality for daily reporting needs and in CLIA compliant format. Although HL7 FHIR is utilized for laboratory data in downstream systems and apps, many may not be complete with all laboratory data elements needed for the complete meaning of a test such as specimen, test name, etc. FHIR users may wish to proceed with caution and clinically validate applications with laboratory data to ensure they are complete and clinically accurate.
5. **Maintained.** Whether it is a new test like COVID introduced for clinical use or updates in code systems or messaging standards, all systems should be maintained. When one information system uses newer codes and downstream systems do not, errors may occur and interoperability is impeded, and clinical meaning lost.

- Google Document used for tracking
 - Anyone with the link can comment within the document
- Will be place for go-forward work
- Last Tiger Team meeting July 11 with entire Data Usability Workgroup.
- Will go on hiatus until further notice. Second week of month may be used for an added DUWG meeting during comment resolution timeline.

Laboratory Priority Labs Spreadsheet – Appendix A

[illegible]

Tiger Team Roster

61 members

47 organizations

First Name	Last Name	Company
Maria	Moen	ADVault, Inc.
Kristine	Geis	Altera Health
Mary-Sara	Jones	Amazon
Jenna	Rychert	ARUP Laboratories
Riki	Merrick	Association of Public Health Laboratories
Maruthu Vijay	Kumar	AthenaHealth, Inc.
Reddy C	Haraneesh	AthenaHealth, Inc.
Manish	Naik	Austin Regional Clinic
Samantha	Spencer	CAP
Will	Humphrey	CDC
Abigail	Viall	CDC
Muktha	Natrajan	CDC
Hung	Luu	Children's Health System of Texas
April	Bohbrink	Clinical Architecture
Kristin	Benware	Clinical Architecture
Stephanie	Broderick	Clinical Architecture
Carol	Ross	Clinisys, Inc.
Robert	Rae	College of American Pathologists
Scott	Stuewe	DirectTrust
Jay	Nakashima	eHealth exchange
Benjamin	Ollila	Epic
Supantha	Samanta	Epic systems corporation
Mike	Kolzet	EQTY Life Sciences
Robert	Oakley	Evernorth - Office of Interoperability
Victoria	Derbyshire	FDA
Stanley	Huff	Graphite Health
Nathan	Davis	Graphite Health
Neelam	Sharma	HCA
Hilary	Greer	HCA
Steven	Lane	Health Gorilla Inc.
Satish	Kholay	IdLink
Hazel	Chappell	Ishca health
Teresa	Saxon	JP Systems
CJ	Amurao	JP Systems
Sulayman	Aziz	ipsys

First Name	Last Name	Company
Aaron	Green	Labgnostic, Inc.
Deb	Loniewski	MDHHS
Desiree	Mustaquim	National Center for Injury Prevention and Control
Amy	Weinland	Nationwide Children's Hospital
Kendra	Wyatt	New Birth Company
Sara	Haddon	New York eHealth Collaborative
Andrea	Pitkus	none
Sara	Armson	ONC
Natalee	Agassi	Oracle
Hans	Buitendijk	Oracle
Mark	Dorner	PreciseMDX
Christopher	Kellogg	Quest Diagnostics
Christopher	Harrison	Quest Diagnostics
Mick	Talley	Southeast Michigan Health Information Exchange
Daniel	Wyman	Synensys
Stephen	Powell	Synensys
Alana	Keller	Synensys, LLC
M E	de Baca	Sysmex America Inc
Katherine	Lusk	Texas Health Services Authority
Baraah	Elsaadi	Texas State University
Tracy	Asibu	The University of Texas Health Science Center
Thomas	Bronken	Trinity Health
David	Rocha	UT Health Houston
Elizabeth	McElhiney	Verisma
Sandra	Mitchell	VHIE, contractor JP Systems
Aaron	Berdofe	Zus Health

Meeting Logistics and Timeline

- 2023 – 2024 Planned Schedule
 - Kickoff Call: February 2, 2023
 - Ongoing calls: 1ST Thursday each month
- Next Phase of Activities - Process & Timeframe
 - Phase 1 - Administration and Prioritization
 - February 2023 – June 2023
 - Phase 2: Developing Initial Draft Guidance
 - July 2023 – July 2024
 - Phase 3: Public Comment Period/Recommended Next Steps
 - July 2024 – August 2024
 - Phase 4: Finalizing Implementation Guide and Call to Action
 - August 2024 – December 2024

Community of Practice Update

May 22, 2024



Data Usability

Taking Root Movement

CO-SPONSORED BY



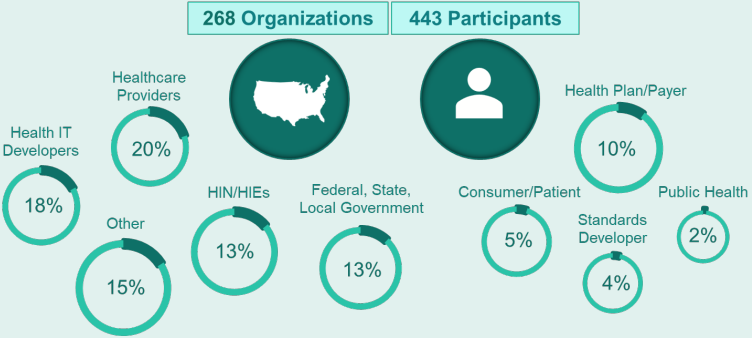
What is the difference between the **Data Usability Taking Root Movement** and the **Data Usability Workgroup**?







Data Usability Workgroup
Develops Guidance



Taking Root Movement
Implements Guidance
An initiative co-sponsored by **AHIMA**



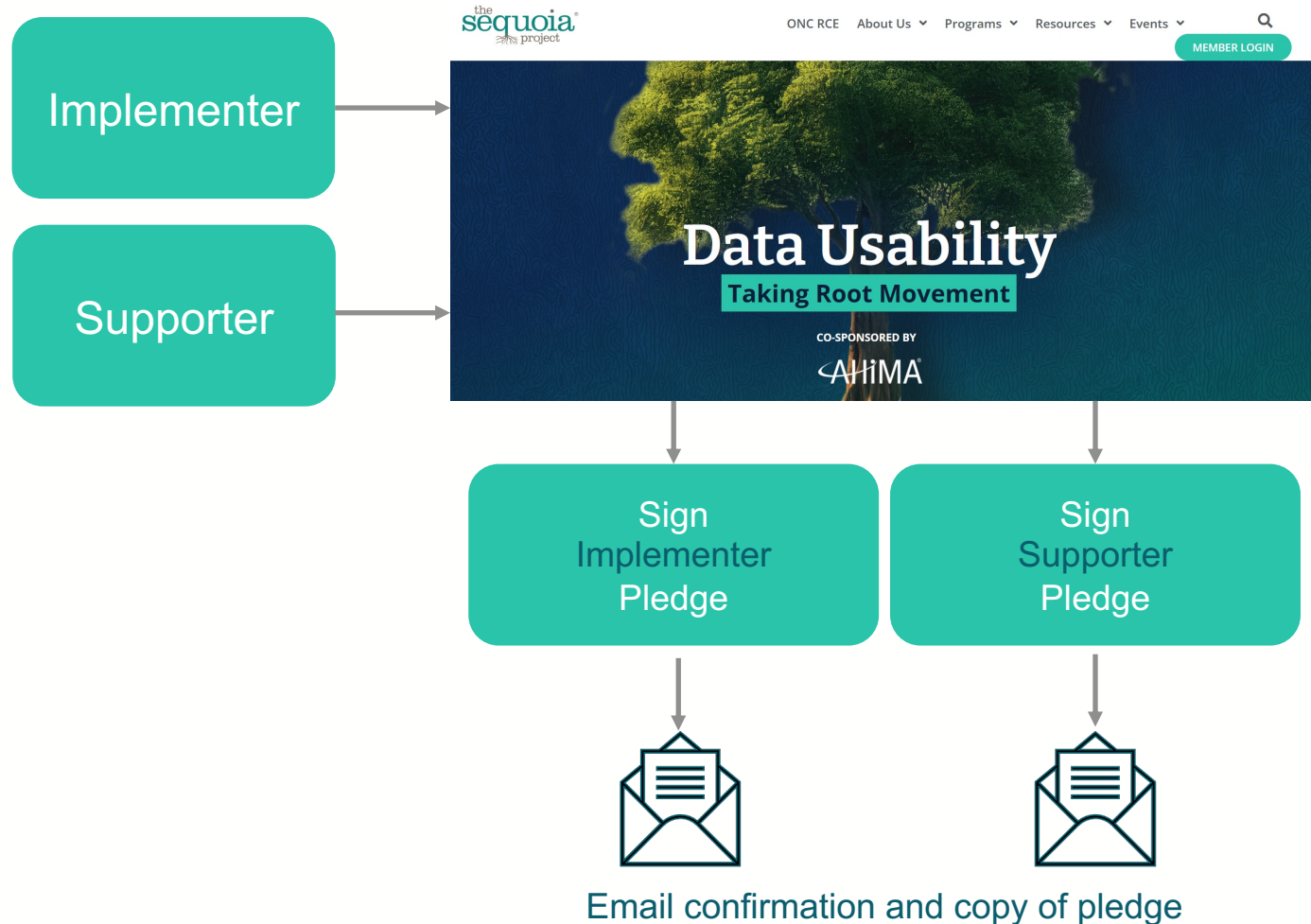
Community of Practice

 Roundtables	 Technical Assistance
 Testing Platform	 In-person Convenings

Participation Levels

 DATA USABILITY TAKING ROOT IMPLEMENTER	 DATA USABILITY TAKING ROOT SUPPORTER	 DATA USABILITY TAKING ROOT SPONSOR
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Pledge Process – Open NOW!

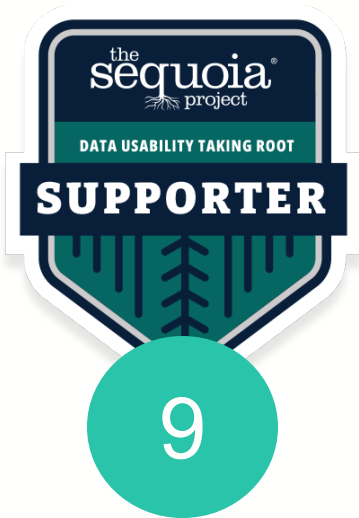


Data Usability
Taking Root
participants
have been
alerted that the
pledge feature
is operational on
Sequoia's
website

Organizations that have pledged to participate!



Clinical Architecture
Epic
Health Gorilla
MedAllies
Opala
Oracle



ADVault, Inc.
AHIMA
Hawai'i Pacific Health
LaPortaCare
Netsmart Technologies
NextGen Healthcare
Optum
Surescripts
Texas Health Services Authority

Grace Period Extended – August 28, 2024!

**ROUNDTABLE
PARTICIPANTS
WHO HAVE NOT
YET PLEDGED**

54

American Medical Association
Austin Regional Clinic
AthenaHealth
Azuba
Banner
Brevard Health Alliance
Bwell
Carequality
Celeste
Cincinnati Children's Hospital Medical Center
Civitas
Claim Clarity
CommonSpirit
Complete Health
Delaware Health Information Network
DirectTrust
eClinical Works
eHealth Exchange
Elevance Health
FINN Partners
First Genesis, Inc.
Foothold Technology
HCA Healthcare
Health Services of North Texas (HSNT)
HealthElence
HIMSS EHRA Association

IHIE
Intermountain Healthcare
Johnson and Johnson
Kaiser Permanente
Kno2
Meditech
MTC Group LLC
National Institutes of Health, National Institute of Diabetes & Digestive & Kidney Diseases
New York eHealth Collaborative
OCHIN
Particle Health Inc.
Patientory
Premiere Pointe Podiatry
Santa Cruz Health Information Exchange
Smile Digital Health
Social Security Administration
Stanford Health
Sutter Health
Texas A&M
Texas Department of State Health Services
Texas State University
The Picture of Health
The University of Texas Health Science Center
University of Washington
Veterans Health Information Exchange
Wolters Kluwer Health, Health Language
Zus Health

Access the pledge [here](#)

Sequoia Data Usability IG v1.0 Readiness Checklist

- The draft Readiness Checklist is grouped by Categories and then further grouped by Data Sent and Received as appropriate:
 - General
 - Data Provenance and Traceability of Changes
 - Effective Use of Codes
 - Reduce Impact of Duplicates
 - Data Integrity, Format and Trust
 - Data Tagging/Searchability
 - Effective Use of Narrative for Usability
- Expectation to approve final June 26, 2024 meeting



Contact Us

Thank you for your interest in The Sequoia Project's new **Data Usability Taking Root** Initiative.

If you would like to get in touch you can reach us at:



takingroot@sequoiaproject.org

To join the Community of Practice Roundtables, please sign up as a **Supporter, Implementer or Sponsor** here:

<https://sequoiaproject.org/data-usability-taking-root-movement/>

Version 2.0 of the Implementation Guide

Reminders

Annual Meeting 2024

Embassy Suites Nashville | December 10-12, 2024

- An all-new construction that is the flagship for the brand
- Easy walk to Broadway



Data Usability Work Group

For more information:

www.sequoiaproject.org/interoperability-matters/data-usability-workgroup/



(571) 327-3640



Interopmatters@sequoiaproject.org

Convene



Collaborate



Interoperate



**Thank You for your support of
Interoperability Matters!**