



# AtlasX Agile Readiness Center

## Agile Self-Serve Learning Paths Tool (milSuite)

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# Agenda



**Self-Serve Learning Path  
Concepts**

**Organization of the Catalog**

**Evolving the Catalog**

**Demonstration**

Agile Self-Serve Learning Path Tool

# Concepts



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# Self-Serve Learning Paths

The Agile Self-serve Learning Paths tool is an evolving training catalog created and curated by the AtlasX Agile Readiness Center (ARC) at the Space and Missile Systems Center (SMC).

It is designed to help individuals develop competencies needed to participate in evolving Agile/Lean/DevSecOps environments.

Hosted on milSuite's milWiki, it provides web-based learning assets in a range of subject areas, associated with specific competencies with a variety of ways to interact with the catalog

# Rationale

The ARC understands certain competencies required to adopt and productively use agile, lean and DevSecOps approaches

Training courses are generally valuable, but are often difficult to schedule and expensive to conduct

While there are numerous application-based training opportunities (e.g., Atlassian and Scrum or SAFe certifications), there is a need for on-demand, just in time training

- Based on individual needs
- Available without scheduling
- That can be rapidly updated to provide the latest information
- *In a form that is accessible on mobile devices*

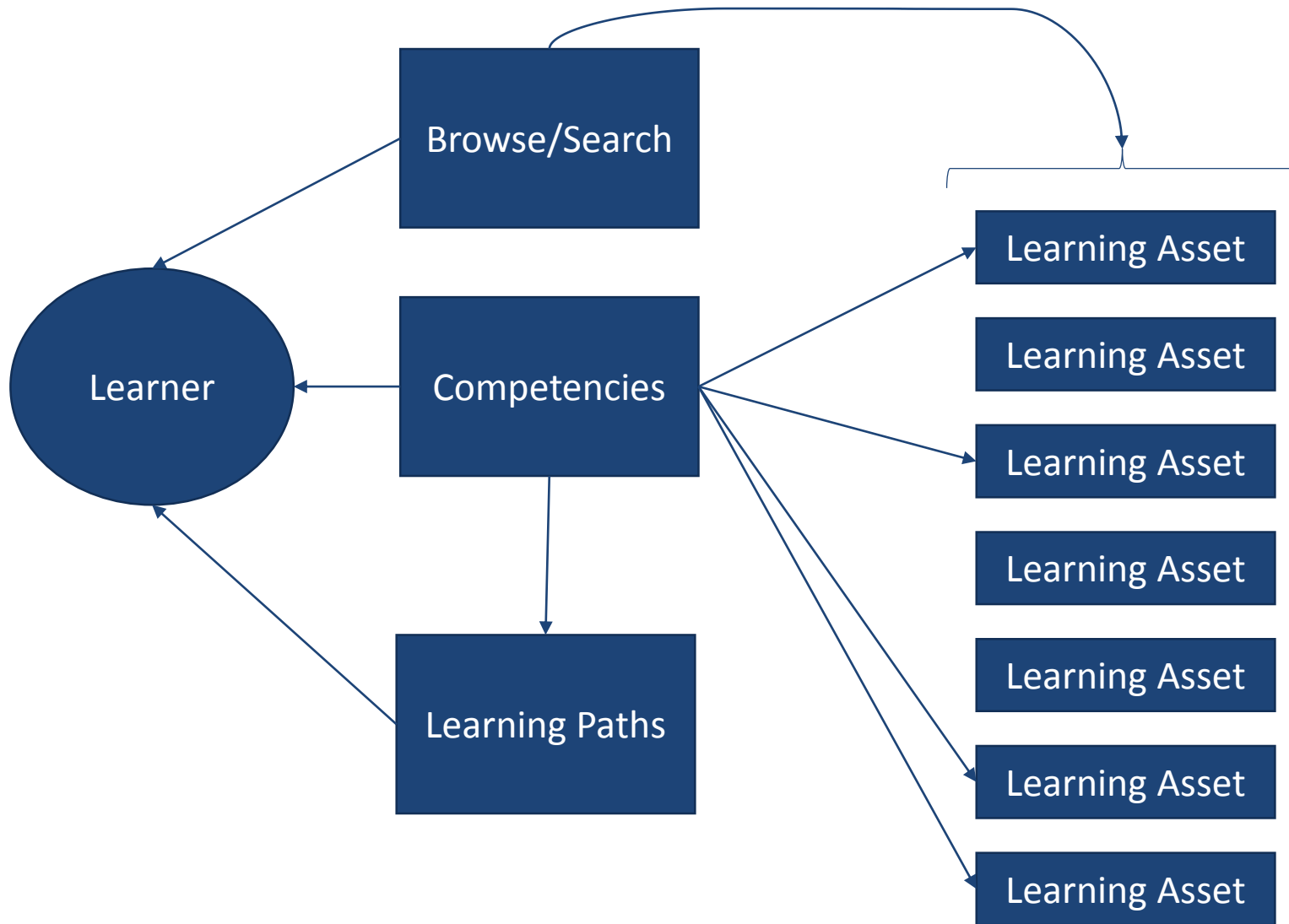
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# Organization



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# Overview



# Competencies

Competencies are the fundamental organizing principle; They were compiled from SEI and DoD experiences, and are updated often

<p>Agile/Lean Concepts</p> <p>Agile/Lean Approaches</p> <p>Agile/Lean Leadership</p> <p>Agile/Lean Infrastructure</p> <p>Planning and Execution for Agile/Lean</p> <p>Requirements and Agile/Lean</p> <p>Testing and Agile/Lean</p>	<p>Agile/Lean Architecture and Modeling</p> <p>Systems Engineering and Agile/Lean</p> <p>Contracting for Agile/Lean</p> <p>Oversight/Insight of Agile/Lean organizations</p> <p>Agile/Lean Coaching</p> <p>Agile/Lean Adoption Management</p> <p>Agile/Lean Measurement</p>
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## Example: Agile/Lean Approaches

*There are several widely used approaches for implementing the agile/lean tenets. This competency assures that no matter which approach is implemented, the practitioner is familiar with its vocabulary and practices.*

### Example skills:

- Understand scrum basics, roles and ceremonies
- Understand XP practices, roles and ceremonies
- Understand kanban basics, roles and ceremonies
- Understand DevSecOps concepts, benefits and adoption issues
- Understand agile at scale, including the concepts of Scaled Agile Framework

# Learning Assets

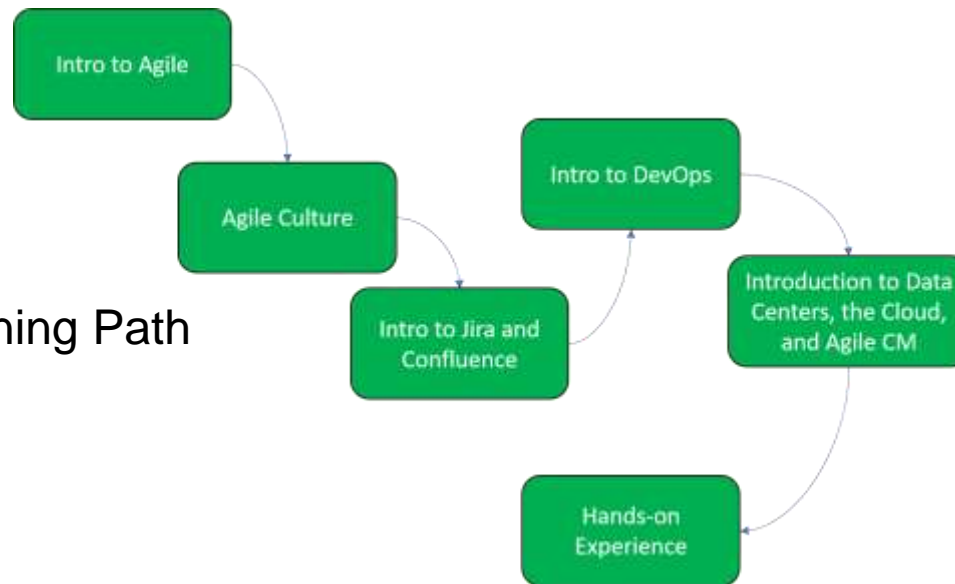
Learning assets are the leaves of the catalog and represent a video, webinar, document or other opportunity available to support gaining one or more competencies

## Assets associated with Agile/Lean Approaches:

- Agile and DevOps: Your Questions. Our Answers.
- What Is DevOps?
- Build Secure Applications with
- How the kanban methodology applies to software development
- Impediments to implementing SAFe Agile DevOps DoD DevSecOps Initiative – What is DevSecOps and Why Does DoD Care?
- SAFe Executive Briefing Scrum: What it is, how it works, and why it is so awesome)
- Overview of SAFe
- A scrum exercise DoD Agile Acquisition Framework
- A kanban exercise
- Selected SAFe for Government
- Kanban applied to software development: from agile to lean
- OSD DevSecOps Best Practice Guide
- Agile project management with kanban
- The Official Scrum Guide
- Project to Product: From Flow Metrics to SAFe
- SAFe Principles and Practices at DHS
- Introduction to Scrum
- What is New in SAFe 5.0
- Spotify Engineering Culture (Guilds)
- Agile Product Delivery - SAFe
- DevOps - Who does what?
- Lockheed Martin - Flying the F-16 into the Future with SAFe
- SAFe Summit: A Whirlwind Tour of SAFe 5.0
- Role of project managers in SAFe
- Scrum Master Certification (Scrum.org)
- Essays on Teamwork, Conflict and Project Management
- Leading SAFe
- Scrum Master Learning Path (Scrum.org)
- SAFe Product Owner-Product Manager Class

# Learning Paths

Role-based learning paths provide advanced courses on topics relevant to the responsibilities and skills of your specific role on the team or in the organization. It may be that your position is a hybrid of two or more roles. If so, you may choose to specialize, to complete all the paths, or simply choose the learning assets that you feel are the most helpful for you at a particular time.



Agile Foundations Learning Path

# Learning Asset Definition



## Agile project management with kanban

### Description [\[edit\]](#)

This "Talks at Google" presentation by Eric Brechner, an Xbox development manager, describes his experience using kanban with multiple teams.

Kanban is a way to organize your work, stay focused, avoid mistakes, and be hyper-productive. It's been used by Toyota to make cars, by Xbox to build software, and by individuals to maintain sanity. There's a way to organize your work, stay focused, avoid mistakes, and be hyper-productive that you can learn in five minutes using sticky notes and markers. It's been used by Toyota to make cars, by Xbox to build software, and by individuals to maintain sanity.

Eric's book, Agile Project Management with Kanban, has a quick start guide, with illustrations and online spreadsheets to get you productive fast. Other chapters help you estimate work, meet deadlines, deploy results, evolve from Scrum or traditional Waterfall, and integrate Kanban into large projects. Attend this talk in person, and you'll create your own Kanban board, applying this simple technique to the work you do every day.

### Link to Asset [\[edit\]](#)

<https://youtu.be/CD0y-aU1sXo>

### Related Assets [\[edit\]](#)

- Agile DevOps (Level: 100)
- DoD DevSecOps Initiative – What is DevSecOps and Why Does DoD Care? (Level: 100)
- SAFe Executive Briefing (Level: 100)
- Scrum: What it is, how it works, and why it is so awesome (Level: 100)
- Overview of SAFe (Level: 100)
- A scrum exercise (Level: 100)
- DoD Agile Acquisition Framework (Level: 100)
- A kanban exercise (Level: 100)
- Agile and DevOps: Your Questions. Our Answers. (Level: 100)
- What Is DevOps? (Level: 100)
- Build Secure Applications with DevSecOps (Level: 100)
- How the kanban methodology applies to software development (Level: 100)
- Impediments to implementing SAFe (Level: 100)
- SAFe Principles and Practices at DHS (Level: 200)
- Agile Product Delivery - SAFe (Level: 200)
- DevOps - Who does what? (Level: 200)
- Lockheed Martin - Flying the F-16 into the Future with SAFe (Level: 200)
- SAFe Summit: A Whirlwind Tour of SAFe 5.0 (Level: 200)
- Selected SAFe for Government Articles (Level: 200)
- Kanban applied to software development: from agile to lean (Level: 200)
- OSD DevSecOps Best Practice Guide (Level: 200)
- **Agile project management with kanban** (Level: 200)
- The Official Scrum Guide (Level: 200)
- Project to Product: From Flow Metrics to SAFe (Level: 200)
- Leading SAFe (Level: 300)
- Scrum Master Learning Path (Scrum.org) (Level: 300)
- SAFe Product Owner-Product Manager Class (Level: 300)
- Role of project managers in SAFe (Level: 300)

Agile project management with kanban



Eric Brechner

Agile Project Management with Kanban

Video

<b>Duration</b>	1 hrs
<b>Source</b>	Talks at Google
<b>Access</b>	<a href="https://youtu.be/CD0y-aU1sXo">https://youtu.be/CD0y-aU1sXo</a>
<b>Level</b>	200
<b>Adoption Stage</b>	Understanding
<b>Training Topics</b>	Agile-Scrum-Lean Practices, Introduction to Agile and Lean, Tools
<b>Training Courses</b>	Kanban Hands-on Exercise
<b>Competencies</b>	Agile/Lean Approaches
<b>Training Roles</b>	Project or Program Managers, Engineers, Contract Managers
<b>Agile Foundation Course?</b>	Yes

Current rating: ★★★★★ [Add a review](#)

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# Evolution



# A Living Catalog

SMC, AtlasX and the ARC built SSLP site to support our own workforce's transformation

Having the learning paths and catalog on milWiki allows a broad, diverse, experienced group of acquisition and development practitioners to contribute to the catalog.

Each Learning Asset page has a **Rating/Review** widget for feedback; the displayed rating is the average of all ratings and the reviews are viewable by clicking the review link.

Users that are milWiki-afficionados can use all of the semantic web features of the mediaWiki tool, including the MilSuite menu **Page Information** and **Browse Properties** links on most pages and the **Facts** box on assets.

Those who want to discuss particular Learning Paths or Learning Assets, or suggest changes to the catalog can use the [talk pages](#).

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# Demonstration



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# Questions?



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