ARIA Application Teams Orientation

You've got questions.
We've got answers.

What is ARIA?

Assessing Risks and Impacts of AI

ARIA is a NIST AI Innovation Laboratory research testbed to better understand the risks, opportunities, and impacts posed by AI systems to people and society. The results of ARIA may inform guidelines, tools, measurement methods, and metrics.

- Multi-level evaluation environment

    - Model Testing
    - Red Teaming
    - Field Testing

ARIA 0.1 Pilot Overview

Three Proxy Scenarios
- TV Spoilers
- Meal Planner
- Pathfinder

Each scenario addresses specific AI risks. Applications are evaluated across all three testing levels (model testing, red teaming, field testing).

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Application Requirements

Text-Based
Dialog system with 512+ character prompt length

01

User Session
With resettable initial state
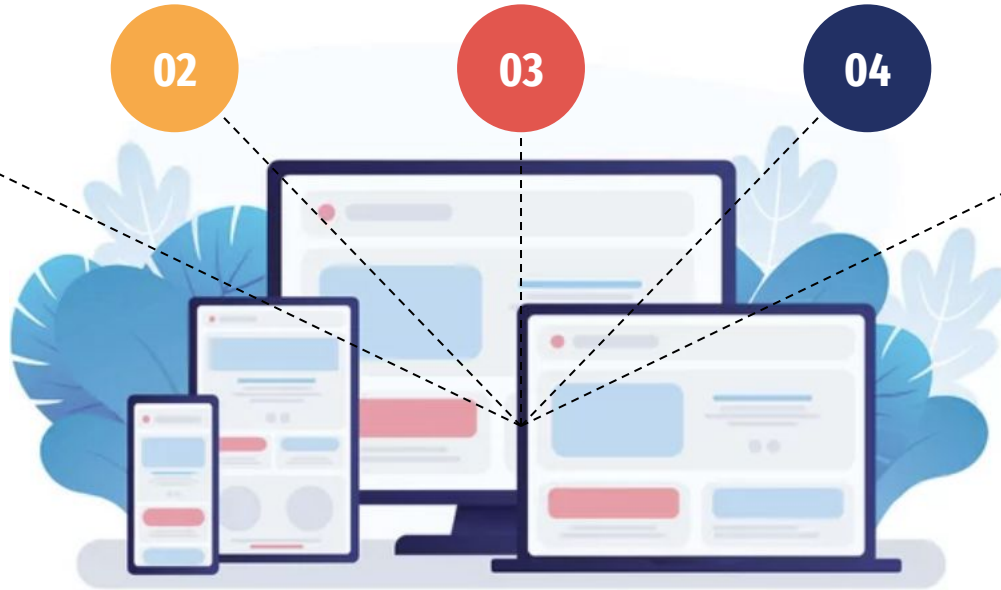
02

Accept Parameterization
Using user dialog

03

Response Generation
Without human involvement

04

Interaction API
Must implement ARIA system

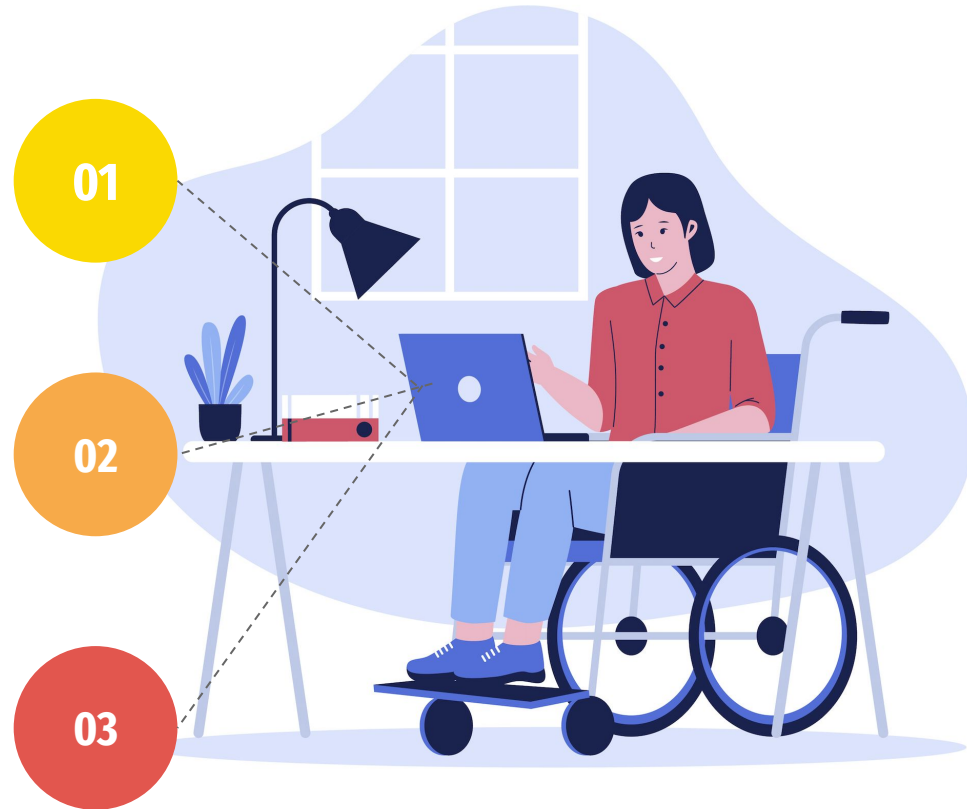**05**

Evaluation Process

Model Testing

Confirm claimed capabilities

Red Teaming

Induce Application to fail test packet redlines

Field Testing

Investigate impacts under regular use

01

02

03

Submission Guidelines

How To Participate
01 Sign Participation Agreement
02 Submit One Application Per Scenario (tuned to the scenario)
03 Provide System Description (System Card)
04 Include Application Testing Methods Used during Development
05 Report on Computing Infrastructure

Registration Window