InterSystems
Creative data technology

Build Smarter with the Developer Community

AI Tools, Resources & Ways to Engage

Irène Mykhailova
Moderator of the InterSystems Developer Community

InterSystems AI Assistants

Answering all kinds of questions about InterSystems products and services

Help Hub

Where do I go?

Personalized guidance and a route to the right team, tool or support path

helphub.intersystems.com

DC AI

How do I solve this?

Technical answers based on:

- Developer Community
- Official Documentation
- Open Exchange
- Developer Hub

community.intersystems.com/ask-dc-ai

AskMe

What do I need to know?

Technical answers based on:

- Official Documentation
- Specific product versions

Learning recommendations

- Tailored to your situation
- Across classroom, online learning
- As prep for certification exams

learning.intersystems.com

Use the assistant closest to your intent, not simply the nearest search box.

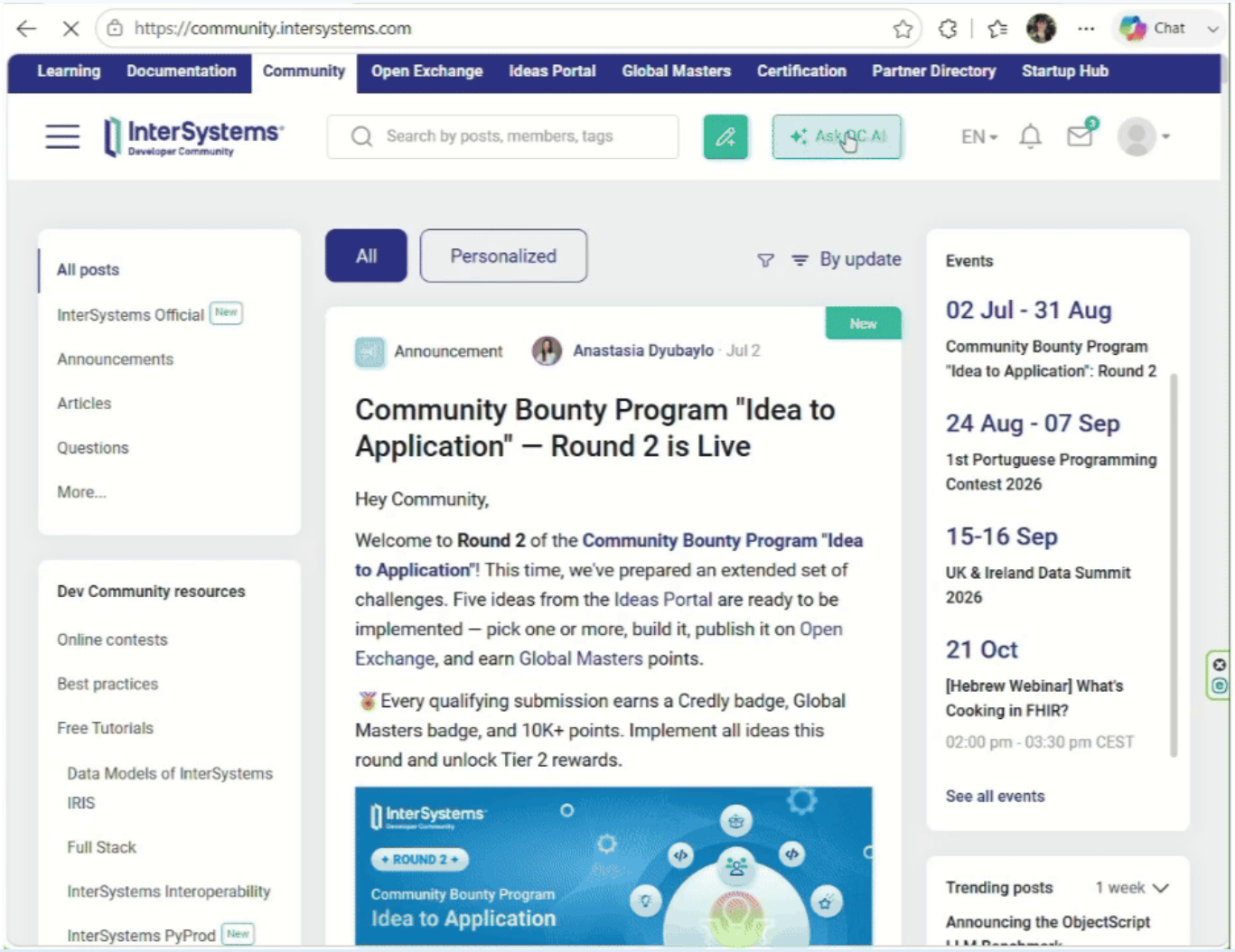
Developer Community AI

AI assistant to answer your development questions

- Answers based on knowledge from Community posts, Open Exchange apps, Official documentation, Developer Hub
- Analyzes images
- Gives course suggestions from the Learning Portal

community.intersystems.com/ask-dc-ai

Log in to ask a question



One Ecosystem – Four Developer Platforms

Supporting developers at every stage: learn, build, share, and grow

Developer Community

Q&A | Articles | Videos | Contests | Events

Open Exchange

Open-source solutions based on IRIS

Global Masters

Gamification | Badges | Rewards

Ideas Portal

Product ideas | Bug Reports

Developer Community

28K+ members

27K+ posts

6 language communities

EN, ES, PT, FR, CN, JP

Explore Developer Community
community.intersystems.com

Communicate with Developers Worldwide

- **ASK** — Get help from Community members, InterSystems experts, and DC AI
- **LEARN** — Explore technical articles, videos, tutorials, accepted answers, and best practices and patterns
- **SHARE** — Publish your experience, coding patterns, and practical solutions.
- **CONNECT** — Join discussions with developers and experts across six language communities.
- **JOIN** — Take part in webinars, meetups, hackathons, and other Community events

Open Exchange

1.4K+ open-source applications

VERIFIED STATUSES

NEW

See whether an application works, requires special setup, has known issues, or is archived.

AI & AGENTIC CATEGORIES

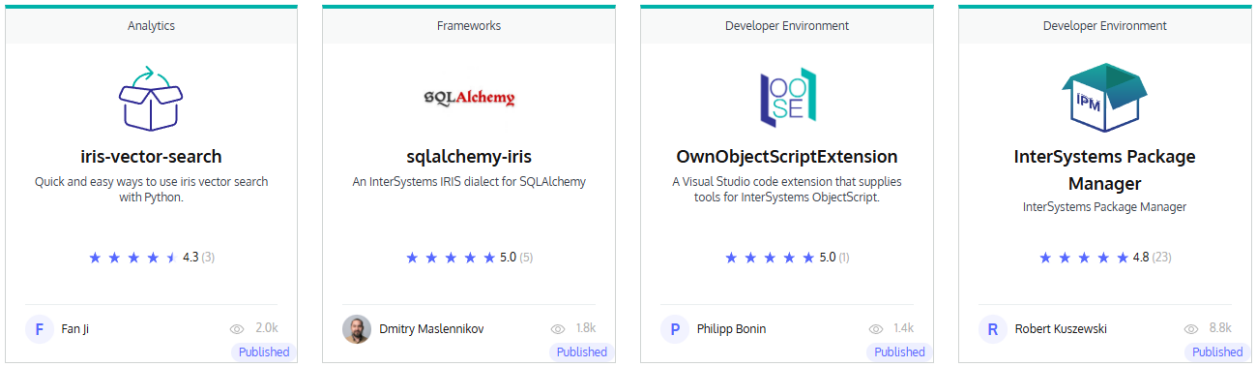
AI Agents · AI Skills · MCP

NEW

Explore Open Exchange
openexchange.intersystems.com

Find and Share Open-Source InterSystems Solutions

- **REUSE** — Explore **curated bundles**, templates, integrations, and working examples.
- **SHOWCASE** — Give your project a public home
- **COMPETE** — Participate in programming contests and bounty programs



Ideas Portal

800+ ideas

22% implemented

80+ by InterSystems

90+ by Community

Explore Ideas Portal
ideas.intersystems.com

Submit Ideas and Report Bugs

Influence the product roadmap and follow the progress of your proposals.

- **Submit** product ideas and improvements
- **Vote and comment** on proposals from other users
- **Track** responses and implementation progress
- **Implement** Community Opportunities through Open Exchange

Contests, sweepstakes, and bounty challenges offer additional ways to participate.

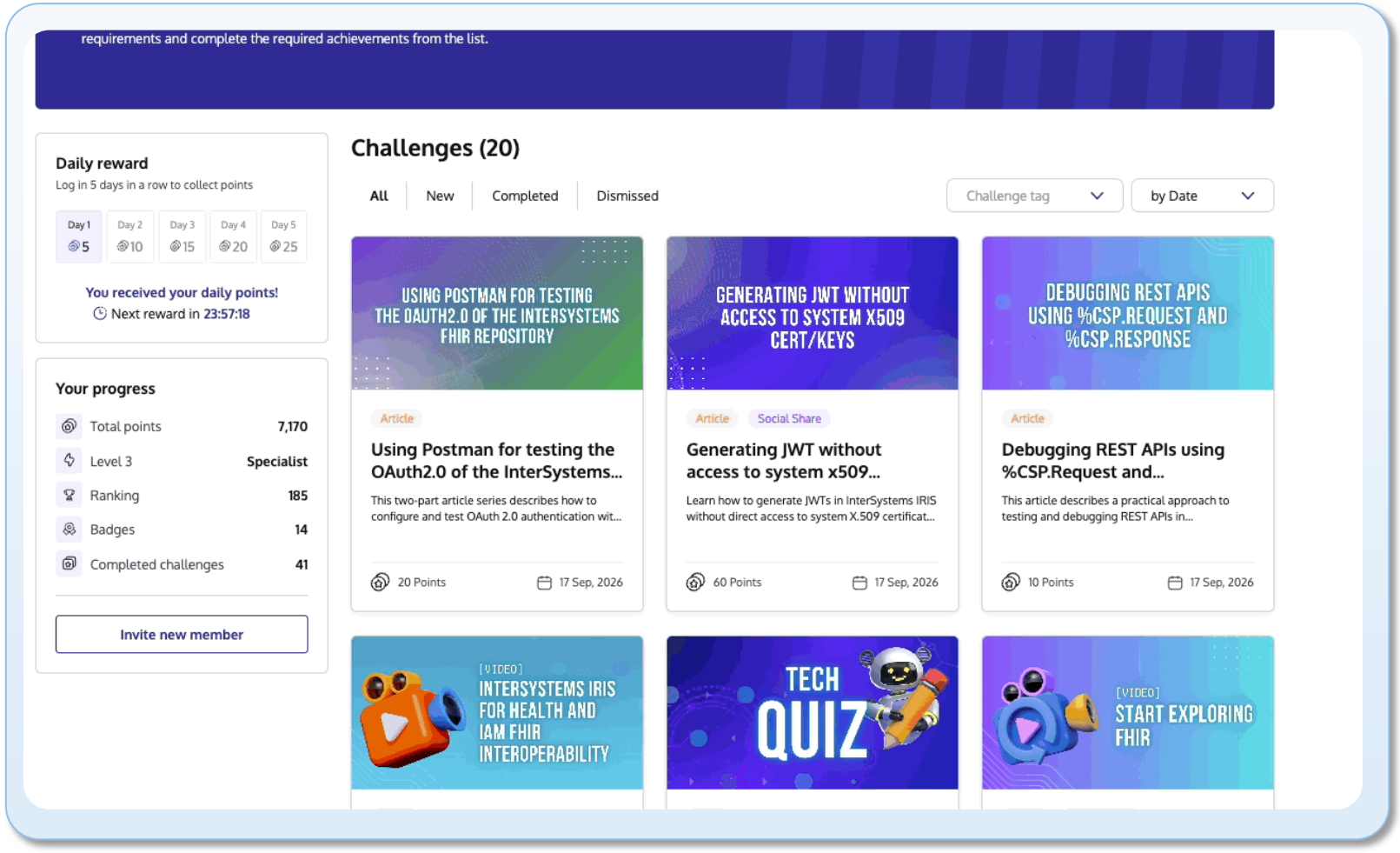
Global Masters – Gamify Your Developer Journey

- **Bite-Sized Learning**
- **Technical Quizzes**
- **Curated Technical Content**

  Articles, videos, open-source apps, tutorials, releases – all in one place

- **Badges, levels and rewards!**

Explore Global Masters
globalmasters.intersystems.com



InterSystems Developer Hub

Your gateway to all InterSystems developer tools, tutorials, and resources.

New to InterSystems?
Start building quickly with guided materials

Start Here: Developer Onboarding Guide

NEW



11 New Quickstars:

NEW

- Run IRIS with Docker
- Deploy to the Cloud
- Build in VS Code
- Connect with Python / Java

… and more on Developer Hub

More coming soon!

Free Hands-On Tutorials

All tutorials are free, browser-based, and require no setup

- InterSystems PyProd — NEW
- Data Models of InterSystems IRIS — MOST POPULAR
- Object Script Full Stack Tutorial
- IRIS Interoperability
- IRIS for Health Interoperability
- REST + Angular Application
- IntegratedML
- RAG using InterSystems IRIS Vector Search
- InterSystems Data Studio

Follow the link to try hands-on tutorials

InterSystems PyProd NEW

Build a complete IRIS interoperability production entirely in Python

BUSINESS SERVICE → **BUSINESS PROCESS** → **BUSINESS OPERATION**

Receive → **Transform + route** → **Send**

What you'll do:

- Explore a working production and trace its message flow
- Create new message types and Python-native components
- Call an external API from a Business Operation
- Update routing logic, load the production into IRIS, and run it

Try it

* Basic Python knowledge required

Python Full Stack BETA

Build a working online shop with Python and InterSystems IRIS — from database to checkout

DATA LAYER	INVENTORY	SHOPFRONT	CHECKOUT
Connect + create	**Manage + upload**	**Build + browse**	**Process + alert**

What you'll do:

- Connect Python to IRIS and create a SQL table with the DB-API
- Access internal InterSystems IRIS methods via the Python Native API
- Build an inventory management page using SQLAlchemy
- Upload product data and create a customer-facing shopfront
- Implement checkout and alerts to complete the application

Try it

* Basic Python required

AI Assistant in InterSystems Data Studio BETA

Turn governed data into answers, charts, and SQL statements

EXPLORE THE DATA → **BUILD THE ASSISTANT** → **ASK THE QUESTIONS**

Inspect credit bureau data from an already existing and prepared recipe

Create a Knowledge Store based on your data, add data narratives, choose access, agents and an approved LLM

Ask questions in natural language to generate SQL queries, research patterns and visualize results

Governance stays in the workflow: you control the data, descriptions and access.

Try it

* Prior knowledge of IDS basics required

InterSystems IRIS AI Hub BETA

Build a governed AI agent that can access live data, take action, and connect through MCP

CREATE AN AGENT → **GIVE IT TOOLS** → **LET IT ACT** → **CONNECT TO MCP**

CREATE AN AGENT	GIVE IT TOOLS	LET IT ACT	CONNECT TO MCP
Create a warehouse assistant with its own instructions and persistent chat sessions	Build SQL and ObjectScript tools to retrieve inventory and sales data	Enable the agent to update stock and trigger an interoperability workflow	Expose the same tools through MCP and connect from an external client agent

From conversation to governed action — powered by InterSystems IRIS.

Try it

Community Opportunities for You to Engage

Choose the contribution that fits your strength

Programming Contest

DO

Build an open-source application that realizes a task

REWARD

Cash prizes for winners

Open Exchange

Tech Article Contest

DO

Write an article about InterSystems product or service

REWARD

Gifts for everyone
Prizes for winners

Developer Community

Ideas Contest, Sweepstakes

DO

Propose an idea on a suggested topic about InterSystems products or services

REWARD

Gifts for everyone
Prizes for winners

Ideas Portal

Community Bounty Program

DO

Implement selected ideas

REWARD

Global Masters points
Credly badge
Social Media promotion

Ideas Portal
Open Exchange
Global Masters

Opportunities to Engage in November

Two ways to build, win and get noticed

Programming Contest

Build an InterSystems IRIS Interoperability workflow that uses an IRIS AI Hub agent to handle a decision-making task.

Submit your application by **November 8, 2026**.

Community Bounty Program

Create applications to import datasets from Hugging Face or Kaggle, generate OpenAPI / Swagger specifications, connect to WhatsApp, or integrate IRIS with Supabase.

Submit your applications by **December 1, 2026**.



Put Your IRIS Skills into Action at Hackathons

Build real solutions, collaborate with experts, and showcase your skills through InterSystems-supported challenges.

Build

Solve a practical challenge using InterSystems IRIS, FHIR, interoperability, AI, or other InterSystems technologies.

Collaborate

Join a team, meet developers from other communities, and get support from InterSystems mentors and experts.

Showcase

Present a working prototype, demonstrate your skills, gain visibility, and compete for prizes.

7–8

hackathons annually

GLOBAL

NA • EMEA • APAC

PARTNERS

universities • hospitals • innovation ecosystems

LEADING UNIVERSITIES

MIT • Harvard • Stanford • Cambridge • Imperial • NUS • and others

HOSPITAL PARTNERS

IKEM • Albert Einstein • Siriraj Hospital



Thank you