



POSITION TITLE:	Systems Development Specialist (iMarine Project)	GRADE LEVEL:	P-2
ORGANIZATIONAL UNIT:	Statistics and Information Service (FIPS) Fisheries & Aquaculture Policy and Economics Division, FIP Fisheries and Aquaculture Department, FI	DUTY STATION:	Rome HQ
		DURATION *:	Fixed term: 1 year
		POST CODE/N°:	
		CCOG CODE:	1.A.05

Applications from qualified women as well as from qualified nationals of non-and under-represented member countries are encouraged

DUTIES AND RESPONSIBILITIES

Under the overall supervision of the Senior Fishery Information Officer, the direct supervision of the iMarine Technical Leader, and in close collaboration with System Development specialists and outposted information systems officers in Information Technology Division (CIO), the Systems Development Specialist (iMarine Project) will interact with partner institutions in the iMarine project and to some extent in the agInfra project to identify, design and implement integration solutions between key Middleware Services of the gCube System and selected Application Services in the D4Science/iMarine e-Infrastructure or developed in the context of the iMarine project. In particular, the incumbent will:

- Ensure, through technical inputs and influential argumentation, the evolution of gCube’s Middleware Services for Data Access and Storage towards effective integration with data models and standards employed by Application Services, in alignment with Use Cases identified in the context of the project and in collaboration with partner institutions that work on gCube’s Data Access and Storage Facilities;
- Ensure, through technical inputs and influential argumentation, the evolution of gCube’s Middleware Services for Resource Publication, Resource Discovery, and Resource Lifetime Management towards transparent integration with development and runtime technologies widely adopted within the domains served by the e-Infrastructure, in alignment with Use Cases identified in the context of the project and in collaboration with partner institutions that work on gCube’s Resource Management Facilities;
- Liaise with other Systems Development specialists within the Organization and relevant partner institutions towards the development of novel Application Services in the areas of Statistical Data Management (particularly authoring, versioning, processing, and harmonization facilities for Code List Management), and Semantic Data Management (particularly generation and dissemination of Open Linked Data about services and data sources), with a focus on the identification of architectural solutions that exploit relevant Middleware Services towards reduced development costs, increased scope, and improved Quality of Service;
- Document the work above in a variety of forms, including formal software specifications, developer guides, and training materials;
- Disseminate results in the context of technical project meetings, cross-departmental meetings within FAO, and relevant international fora, with a view to developing a business case for an infrastructure-building paradigm based on the strategic exploitation of a runtime platform of Middleware Services for Resource and Data Management;
- Perform other related duties as required.

MINIMUM REQUIREMENTS

Candidates should meet the following:

- University Degree in computer science, mathematics, statistics, information system analysis, software engineering or a University degree supplemented by relevant IT experience and/or IT postgraduate level qualification or professional certification;
- Three years of relevant experience in distributed system engineering
- Working knowledge of English and limited knowledge of French or Spanish.

SELECTION CRITERIA

Candidates will be assessed against the following:

- Relevant experience of programming including 3 years in Java, gCore framework, Web services, and at least 2 years of experience in multi-tier applications at architecture level
- Relevance and level of knowledge and experience in system analysis, particularly in the context of distributed system architecture and grid computing
- Good knowledge of gCube open source software and in particular its Middleware
- Ability to communicate clearly and concisely both in written and oral form including proven presentation skills
- Relevance of experience in training including development of training material and delivery of courses;
- Quality of both oral and written communication skills in English
- Demonstrated initiative, high sense of responsibility, ability to plan and organize work, resourcefulness working under minimum of supervision and as a member of a team.
- Experience in international environment, having worked with UN/FAO will be a plus

Please note that all candidates should possess computer/word processing skills and should be capable of working with people of different national and cultural backgrounds.

*** The length of appointment for internal FAO candidates will be established in accordance with applicable policies pertaining to the extension of appointments**

REMUNERATION

A competitive compensation and benefits package is offered. For information on UN salaries, allowances and benefits, click on the following link: <http://icsc.un.org/>

TO APPLY: Carefully read and follow the Guidelines to applicants

Send your application to:

V.A **FIP-790-12-PRJ**
Mr. M. Taconet, FIPS
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Fax No: +39 06 57052476
E-mail: VA-790-fip@fao.org

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