



2015-IPR-G-000-5953

**Object Oriented Programming for data  
consistency checks**

<p><b>Position for:</b></p> <p>2 Trainees</p>	<p><b><u>Short description of activity:</u></b></p> <p><b>Background:</b> The European Commission's <i>Joint Research Centre</i> (JRC) in Ispra, Italy, is looking for two trainees to provide support on further development of functionality in the EU Aid Explorer project (<a href="https://euaidexplorer.ec.europa.eu">https://euaidexplorer.ec.europa.eu</a>).</p> <p>The trainee is expected to apply programming experience in the field of aid data gathering from various data sources and contribute to the further development and maintenance of EU Aid Explorer. The tasks would be:</p> <ul style="list-style-type: none"><li>- to devise and/or revise algorithms used for aggregating data from the OECD (Organization for Economic Cooperation and Development);</li><li>- evaluate if similar algorithms can be created for data from IATI ( International Aid Transparency Initiative), otherwise propose alternatives;</li><li>- formulate novel ways of presenting data to make information available in a digestible form to all citizens.</li></ul> <p>By the end of the traineeship period the person will have obtained strong theoretical skills in the subject area of international external aid, strengthen their programming skills in JAVA, obtain valuable experience working with an international team committed to the support of the EU policy.</p> <p><b><u>Qualifications:</u></b> <u>Essential.</u> University diploma in Computer Science or other related University degree with experience in Object Oriented Programming and database engineering.</p> <p>Object oriented programming experience, preferably JAVA.</p> <p>Good command of oral and written English</p>
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	<p>(level B2), good communication skills and ability to work in a team.</p> <p><u>Advantage.</u> Knowledge of Oracle database management would be an advantage. Ability to work with XMLs, csv, excel, JSON data files would be valuable.</p> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Institute/Directorate Unit</b>	<p>IPSC G02 SITAFS</p> <p>Further information: <a href="http://ipsc.jrc.ec.europa.eu">http://ipsc.jrc.ec.europa.eu</a></p>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>