

**AGREEMENT FOR THE PROCESSING OF NATIONAL STANDARDS IN THE  
AREA OF SOFTWARE DEVELOPMENT  
FONDONORMA- UNIVERSITIES**

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**BACKGROUND**

The LISI research center completed a research project on July 1999, which allowed us to define a quality model to evaluate tools CASE. In November 1999, we had made a meeting towards a specific formalization to give answer to real necessities of the productive sector related to Software Quality. At the meeting participated staff from FONDONORMA, UCV, UNELLEZ and USB universities. FONDONORMA is the only authorized institution by the venezuelan government to set quality certifications. In the meeting, the following agreements were reached:

- FONDONORMA will create a Technical Commission of Normalization of Quality of Software (following the demand of USB, UCV and UNELLEZ)
- UCV university had to make a prestudy of the standard 9126- Product Quality
- USB university had to make a pre study of standard 14207- CASE Tools.
- UNELLEZ university had to make a pre study of metrics for product quality

After this meeting, FONDONORMA created the Technical Commission in March 2000. In October 2000, USB’s professors put under consideration of the USB’s Agreements Commission the request of the agreement FONDONORMA – USB

## **ACHIVEMENTS**

UCV university finished the standard 9126 - Product Quality prestudy. USB university concluded the standard 14207 - Tools CASE prestudy. UNELLEZ university made a proposal of metrics for Product Quality. The Agreement with FONDONORMA was signed in November. USB would be the institution that would take it ahead including the all participants universities (UCV, UNELLEZ) .

## **BENEFITS**

The benefits until now are:

Academy links with the National Productive Sector. Contribution with the increase of the software industry competitiveness making the National adoption of International Standards. Participation of the country through USB, UCV and UNELLEZ universities in the development of the International Standards through the ISO committee that deal with the area of Software Engineering. The USB, UCV and UNELLEZ universities will be able to participate in the programming and processing of the projects of COVENIN (Venezuelan Norms) in the subject of the Software Quality. Academy will be able to count on documentation on standards and norms updated without cost, FONDONORMA assumes their expenses translations. The Technical Commission is expected to settle and initiate activities in January 2001.