

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

WORLD TELECOMMUNICATION STANDARDIZATION  
ASSEMBLY

Hammamet, 25 October – 3 November 2016

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## **Resolution 90 – Open source in the ITU Telecommunication Standardization Sector**

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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## RESOLUTION 90 (Hammamet, 2016)

### Open source in the ITU Telecommunication Standardization Sector

(Hammamet, 2016)

The World Telecommunication Standardization Assembly (Hammamet, 2016),

*recalling*

- a) § 10e) and § 23o) of the Geneva Plan of Action of the World Summit on the Information Society (WSIS);
- b) § 29) of the Tunis Commitment of WSIS;
- c) § 49) of the Tunis Agenda for the Information Society of WSIS;
- d) Resolution 44 (Rev. Hammamet, 2016) of this assembly, on bridging the standardization gap between developing<sup>1</sup> and developed countries;
- e) Resolution 58 (Rev. Dubai, 2014) of World Telecommunication Development Conference, which resolves to invite Member States to promote and undertake research and development of ICT-accessible equipment, services and software, with emphasis on free and open-source software and affordable equipment and services,

*resolves*

that the Telecommunication Standardization Advisory Group (TSAG) continue to work on the benefits and disadvantages of the implementation of open-source projects in relation with the work of the ITU Telecommunication Standardization Sector (ITU-T), as appropriate,

*instructs all applicable study groups of the ITU Telecommunication Standardization Sector, within available financial resources*

- 1 to provide inputs to TSAG enquiries on open source as listed in TSAG Report 8, July 2016;
- 2 to consider output from TSAG on open source, in order to study the value of using open source to develop reference implementations of ITU-T Recommendations, as appropriate;
- 3 considering the output of the studies under *instructs 2* above, to continue using open source as appropriate;
- 4 to support the use of open-source projects in their work, as appropriate, taking into account the outcome of the TSAG study;
- 5 to continue engaging with open-source projects,

*instructs the Director of the Telecommunication Standardization Bureau*

- 1 to provide open source related training (e.g. tutorials, seminars, workshops) to ITU-T participants, in collaboration with open-source communities and the Telecommunication Development Bureau, taking into account the ITU-T objective to bridge the standardization gap and digital gender gap and the budgetary constraints of the Union;

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<sup>1</sup> These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition.

2 to submit a report to TSAG annually on progress achieved in implementing this resolution,  
*instructs the Telecommunication Standardization Advisory Group*  
to continue fulfilling of the outcomes of TSAG Report 8 concerning open source,  
*invites the ITU Council Working Group on financial and human resources*  
to evaluate any potential financial implications for the Union of implementing this resolution,  
*invites the ITU membership*  
to contribute to the implementation of this resolution.