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**Proposal for Number, Title and Terms of Reference
of a new WG on Architecture within SC7**

WG Number and Title

Proposal:
WG 42 - Architecture

Rationale:
The number 42 is explained to be “the answer to everything” in neo-classic literature. The concept of Architecture is known to have similar aspirations.

WG Terms of Reference

Proposal:
Life cycle management of standards created to facilitate the development and use of architecture-related concepts, models and methods for systems and services.

The architectures addressed may pertain to a range of systems and services at different levels of abstraction or complexity. Examples of these may be

- **Enterprises (businesses)**
- **Technical system elements (product aggregates)**
- **Individual software components (products)**

Rationale:
The engineering discipline of Systems Architecture (or Systems Architecting) has evolved side by side with other engineering disciplines pertinent to software and systems.

There has been concerns that even though architecture holds promise to deliver added value to the life cycle management of systems and services, the concepts associated with architecture are not used in a consistent fashion and their relationships to seemingly similar concepts in other engineering disciplines is not clear or well understood.

It is in the interest of SC7 to accommodate architecture as a discipline and to provide standards in this particular area of growing importance to industry and World trade. The Architecture discipline addresses the management of key properties of systems and services, such as integrity, interoperability and reusability, and is therefore very much in line with the respective scopes of JTC1 and SC7.