DEBIE-I DPU SOFTWARE
TERMS OF USE
for WCET analysis

1. Definitions

This document is henceforth referred to as the Terms of Use, abbreviated ToU. The subject of this ToU is the computer program called "DEBIE-I DPU Software" which is developed and owned by Space Systems Finland Ltd (abbreviated SSF) under contract to the European Space Agency and Patria Oyj and launched with the DEBIE-I instrument on the PROBA-I satellite. This ToU applies to the specific version of this software and of the accompanying software documentation that SSF has combined with this ToU into one package. This package is henceforth referred to as the Software.

SSF provides the Software under this ToU to specific recipients (individuals or organizations) for a specific purpose as defined below. The recipient is henceforth called the User.

SSF can distribute the same software, or other version of the software, under other conditions or licenses, for the same or other purposes, to the same or other recipients, with no impact on this ToU or vice versa.

2. Purpose and allowed uses

SSF provides the Software under this ToU for use as a *benchmark program* (also called a test program or an example program) for *worst case execution time (WCET) analysis*. SSF **grants** the User the nonexclusive and nontransferable right to use the Software in any or all of the following ways, with no payment to SSF. The User may:

- inspect the source code of the Software,

- modify the source code to adapt it for WCET analysis, observing that this ToU applies also to such modifications of the Software,

- compile the Software for any target processor the User chooses, with any compilation tools the User chooses,

- inspect and disassemble the compiled machine code form, or any intermediate form, of the Software (but the User should note that the licenses of the compilation tools may restrict such actions),

- execute or simulate the Software for the purpose of measuring its execution time or determining any other Software properties relevant to WCET analysis,

- analyze the source code or the machine code or any intermediate form of the Software, by hand or by tools, to estimate or bound its execution time or determine any other properties relevant to WCET analysis, and

- publish the results of inspecting, analyzing or executing the Software, as a benchmark or demonstration of WCET analysis (but the User should note that the licenses of the compilation tools may restrict publication of performance comparisons).

Publications may explain and discuss the design and coding details of the Software, when relevant to the WCET analysis, but shall not display substantial portions of the source code verbatim.

3. Forbidden uses

SSF **forbids** the User from using the Software in any way not explicitly listed as allowed in section 2, above, and explicitly **forbids** using the Software for any commercial purpose.

Publishing the results of inspecting, analyzing, or executing the Software, as part of the marketing or demonstration material for a commercial or non-commercial WCET-analysis tool, is not considered a commercial purpose and is allowed as long as the publication follows the terms defined in section 2 above.

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