

Section 1 General

1.1 Scope

This document specifies the process used to produce open-source projects within the field of Intelligent Transportation Systems (ITS).

The process follows general practices within the larger open-source community; however, this document:

- provides a step-by-step overview of the process, so that those unfamiliar with open-source processes can better understand the process and become contributors,
- formalizes the process (e.g., by clearly defining what are requirements), and
- tailors the process (e.g., by defining the preferred tools to be used).

The process to approve the resultant product is defined elsewhere (e.g., NTCIP 8001).

The ITS Open-Source Process is based on the practices defined by [open-sauced](#). However, whereas open-sauced is written as an informative guide and describes how systems can work; this document is written as a specification to define how the ITS Open-Source Process will work. While still providing a discussion of the issues; it highlights the requirements and notable options along the way by stating each in its own paragraph, starting the paragraph with the requirement (REQ) or option (OPT) number. Conditional requirements are listed as requirements, but include a condition in the text (e.g., If X, then ...). The remaining text provides further guidance and can include additional options that do not necessitate specific numbering.