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| Delivery Notice / Release Notice / Transfer Notice |

Cross Support Transfer Service API - Software Release Note

Approval

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| --- | --- |
| Title Cross Support Transfer Service API - Software Release Note | |
| Issue Number 1 | Revision Number 0 |
| Author CSTS Team | Date 17/05/2019 |
| Approved By | Date of Approval |
|  |  |

Change Log

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# Introduction

## Purpose and Scope

This document contains a description of the CSTS API release 2.0. The scope of this document is limited to the CSTS API and does not include the self-standing software products used and delivered with the CSTS API.

## Document Overview

The Software Release Note is structured as follows:

* Section 2 lists applicable and referenced documents
* Section 3 describes the CSTS API software release
* Section 4 describes on how to import, use and configure the CSTS API
* Section 5 documents the design of the CSTS API
* Section 6 documents the test plan and report of the CSTS API
* Section 7 includes the copyright statements for the ESA software

# Applicable and reference Documents

## Applicable Documents

| Ref. | Document Title | Issue and Revision, Date |
| --- | --- | --- |
|  | Cross Support Transfer Service – Specification Framework (CCSDS 921.1-B-1) | Issue 1, April 2017 |

## Reference Documents

| Ref. | Document Title | Issue and Revision, Date |
| --- | --- | --- |
|  | Cross Support Transfer Service – Developer’s Guide | 1.1, 17/05/2019 |
|  | Cross Support Transfer Service – Configuration Files | 1.0, 01/04/2019 |

# Software Release Description

## List of Delivered Media

This release of the CSTS Framework API is available on the GitLab repository at <https://gitlab.esa.int/ccsds-protocols/CSTSAPI> .

## Software Changes

Version 1.0

| Version | Date | Description |
| --- | --- | --- |
| 1.0 | 17.05.2019 | Initial Delivery |

Version 1.0.1

| Version | Date | Description |
| --- | --- | --- |
| 1.0.1 | 08.11.2021 | Minor changes on public interfaces and bug fixing |

Version 2.0.0

| Version | Date | Description |
| --- | --- | --- |
| 2.0.0 | 01.02.2022 | Support of Cross Support Transfer Service Specification Framework B-2 |

# Import, Usage and Configuration Instructions

For information on how to import, use and configure the CSTS API, please refer to section 3.1 in [RD-1] and [RD-2].

# Software Design Document

For information on the design of the CSTS API, please refer to section 4 in [RD-1].

# Test Plan and Report

## JUnit Tests

The CSTS API JUnit tests, in which every procedure is tested individually, were passed successfully.

# Copyright Notes

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This software includes code from the ANTLR v4 project:

<https://www.antlr.org/>

Copyright (c) 2012-2022 The ANTLRa Project.

ANTLR is released under 3-Clause BSD License (aka "New BSD License"

or "Modified BSD License"):

<https://github.com/antlr/antlr4/blob/master/LICENSE.txt>

This software includes code from the ASN1bean (formely known as jASN1)

project:

<https://www.openmuc.org/de/asn1/>

<https://www.beanit.com/asn1/>

Up to and including version 1.10, jASN1 was released under the

Mozilla Public License (MPL), v2.0.

Starting with version 1.11, ASN1bean is released under the Apache

license, v2.0.

<https://github.com/beanit/asn1bean/blob/master/LICENSE.txt>