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# **Applicant S2S Enhancements**

## **System Build 2008 - 03**

**February 8, 2009**

# BUILD 2008-03 ENHANCEMENTS

## INTRODUCTION

In order to continue the mission and goals of Grants.gov, system enhancements and new functionality are constantly evaluated and executed. This document summarizes the new functionality and system enhancements implemented on February 8, 2009. All enhancements performed during System Build 2008-03 were made to the Adobe System; no updates were made to the PureEdge system.

## APPLICANT SYSTEM-TO-SYSTEM

### Using Special Characters in XML Schema

Prior to the System Build, there was no warning or notice given to System-to-System (S2S) users about the use of non ASCII characters within the Grants.gov XML schema.

During the Build, the following message was added to the Applicant System-to-System page: [http://www.grants.gov/applicant\\_s2s/applicant\\_system\\_to\\_system.jsp](http://www.grants.gov/applicant_s2s/applicant_system_to_system.jsp) (see **Figure - "S2S Notice – Special Character (After)"** below), to provide guidance on the use of special characters:

#### **NOTICE: Special Characters Not Supported**

Grants.gov will only accept ASCII characters in XML; while other characters may be supported by the schema, they may cause differences in the resulting hash value generated when the application is processed by Grants.gov, resulting in a FATAL error in the submission.

# BUILD 2008-03 ENHANCEMENTS

**S2S Notice - Special Character (After)**

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Home » Applicant System-to-System »

## APPLICANT SYSTEM-TO-SYSTEM

Grants.gov applicant System-to-System provides applicants (with a high volume of application submissions) a web services interface for automated submission of completed grant applications and related services. The system allows applicants who submit grant applications frequently, to save time and resources by eliminating the need to reenter repetitious data into multiple individual application forms and therefore streamlines the application submission process. The system is designed for [secure](#) e-business transaction processing and provides a platform independent messaging service that follows the Simple Object Access Protocol (SOAP) with attachments specification.

**FOR APPLICANTS**

- APPLICANT SYSTEM-TO-SYSTEM
- Development Process
- Testing
- Support Process
- Applicant System-to-System FAQs
- Listserv
- Archive

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- ABOUT GRANTS.GOV
- HELP
- CONTACT US
- SITE MAP

**APPLICANT System-to-System**

- Platform Independent Me
- Security (Secure Socket
- Opportunity Schemas an
- Automated Grant Applica
- Validation (XML vs. Sche
- Applicant Status Trackin

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