



Electronic Research Administration

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FDP Update: Complex, Multi-Project Applications

May 2012

Multi-project Support

- NIH currently receives ~94% of all competing grant applications electronically using the SF424 (R&R) dataset
 - Large, multi-project, complex programs remain on paper using the PHS 398 data set
- We need a submission model that supports the preparation & submission of multi-project applications

Complex Applications

Web Front-end to prepare & submit multi-project applications

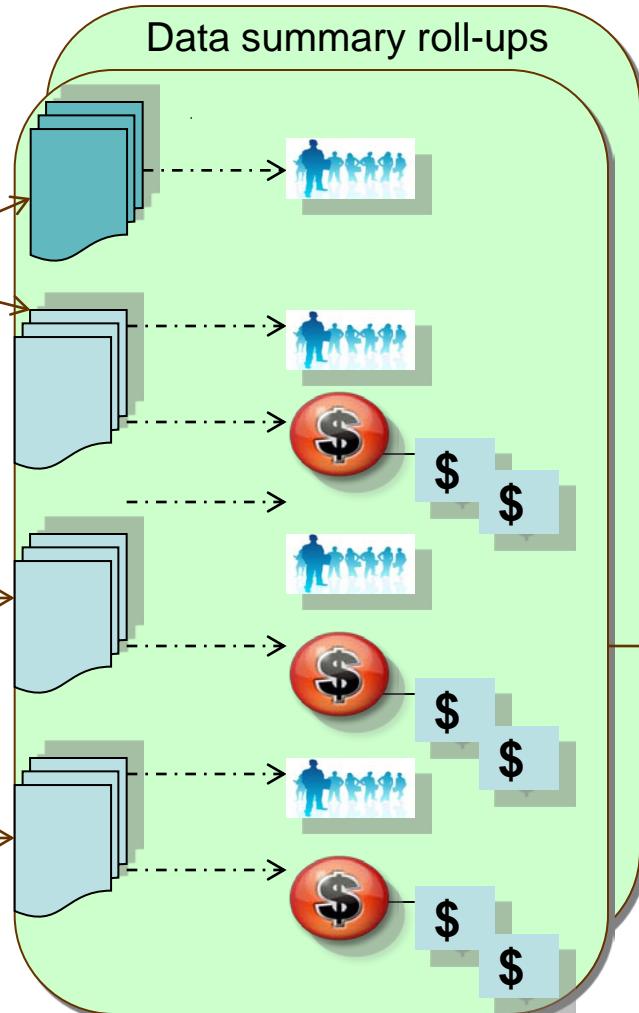
Applicant/Lead Institution



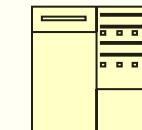
Data summary roll-ups



Component Organizations



Applicant/Lead Institution w/ S2S solution



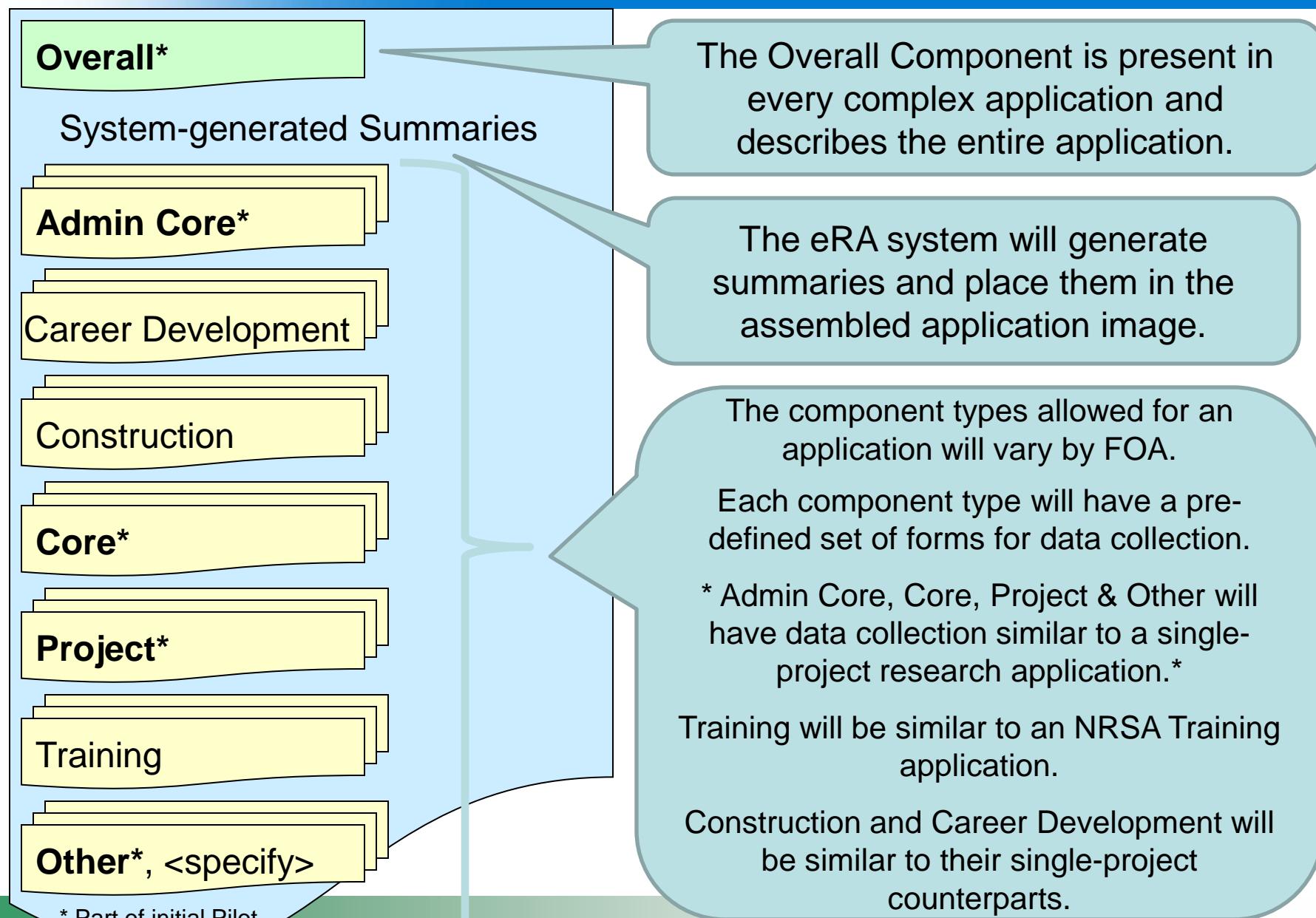
Grants.gov Web services including application submission

Grants.gov

NIH

Agency downloads a single application

NIH Web services



NIH Development Approach

- Defining schemas in conjunction with Grants.gov
- Leveraging eRA Commons authentication/authorization for Web front-end
- Certificate-based authentication for web services consistent with Grants.gov
- Use of web services that can be used by both the Web front-end and S2S service providers
 - Retrieval of agency data (grant history, person profile, organization profile) performed through web services instead of direct database access
 - Submission validation service for pre-submission agency validations (initial release for multi-project apps only)

FOA Information Request

Based on feedback from FDP members...

Beginning June 15



S2S solution providers will have a systematic way to identify the NIH Activity Code (e.g., R01) associated with a particular FOA.

Data collection accommodations for multi-project application support

- PerformanceSite_2_0
 - Allows up to 300 performance sites (primary + 299)
- RR_KeyPersonExpanded_2_0
 - Allows up to 100 Sr/key entries (PD/PI + 99)
- RR_SF424_Multi_Project_Cover_1_0
 - All fields optional in schema
 - Requirements controlled through agency validations
- RR_MP_Budget-V1.0 & RR_MP_SubawardBudget-V1.0
 - Allows up to 100 Sr/Key entries in Section A
 - Allows up to 100 Equipment items in Section C

- Opportunity schemas
 - New multi-project meta schema
- Leveraging single-project XML structure but adding an additional layer to XML to support the concept of nested, repeatable sub-packages
- Grantor changes to support creation/posting multi-project opportunities
- New WSDL to support multi-project features

What you can do now...

- S2Sers
 - Multi-project test FOAs in AT07 coming soon
- Non-S2Sers
 - Volunteer to participate in user acceptance testing of our Web front-end for multi-project application preparation & submission

Contact:

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- Official announcements from NIH regarding complex transition plans, timelines and pilots
 - NIH Guide for Grants & Contracts
<http://grants.nih.gov/grants/guide/>
 - eRA Commons listservs
<http://grants.nih.gov/grants/ElectronicReceipt/listserv.htm>

