Slides for the Early 2021 DDI Webinar Series (from Mini-Sprints)

**Understanding Metadata**

File: DDITL\_11\_1\_0\_Understanding\_Metadata\_20210629\_en.pptx

This is a module which introduces the DDI perspective on metadata, and how it can be applied to the various functions needed in research data management. It is aimed at a general audience, to establish how DDI understands the distinction between data and metadata, and the roles which the latter plays.

**Data Quality and DDI Metadata**

File: DDITL\_12\_1\_0\_Data\_Quality\_20210629\_en.pptx

This module explores the different approaches to measuring data quality using metadata, including certification approaches like the Core Trust Seal and the more formal frameworks employed in the world of official statistics. The specific support provided by DDI specifications is noted, and examples given.

**FAIR Data Sharing and DDI**

File: DDITL\_13\_1\_0\_FAIR\_Data\_Sharing\_20210629\_en.pptx

This module shows where metadata is involved in the FAIR principles, and how the different DDI specifications provide the metadata needed for effective and comprehensive FAIR data sharing.

*Note:* It would be possible to include a section on the FAIR Assessment Frameworks (Wilkinson, Fuji) but this was not seen as essential, and potentially confusing. This could be an area for expansion of this module in future.

**DDI-CDI Overview, Status, and Implementation**

File: DDITL\_14\_1\_0\_DDI-CDI\_Overview\_20210629\_en.pptx

This module describes the development of the DD-CDI specification, and describes the core function of the standard. Potential implementations for data integration and process/provenance description are provided.

*Note:* There is an online exercise which could be enhanced and used in the section on data description (it explores the structuring of the same data set in long and a wide formats). This would require some editing of the terms used in the exercise.