

Time	Topic
Mon 22nd February	Introduction to webservices
12:00 - 12:30	Coffee + Welcome and introduction to the EBI (James Watson)
12:30 - 13:00	Introduction to webservices (Hamish McWilliam)
13:00 - 14:00	Technical introduction to webservices (Hamish McWilliam)
14:00 - 14:30	Coffee/Tea
14:30 - 17:30	Hands On: Introduction to webservices (Hamish McWilliam)
Tue 23rd February	Accessing Genomic and Protein Sequence Data
09:00 - 10:30	Introduction to Ensembl (Ian Longden)
10:30 - 11:00	Coffee/Tea
11:00 - 13:00	Mining Genomic Data using the Ensembl API (Ian Longden)
13:00 - 14:00	Lunch
14:00 - 15:30	Introduction to UniProt (Lorenzo Cerutti t.b.c.)
15:30 - 16:00	Coffee/Tea
16:00 - 17:30	Retrieving protein sequence data using UniProt (Lorenzo Cerutti t.b.c.)
Wed 24th February	Identifier cross-referencing, Small Molecules, Literature, Interactions and Microarrays
09:00 - 09:30	Energiser activity (James Watson)
09:30 - 10:30	Ontologies and Identifier Cross Referencing using OLS/PICR (Phil Jones)
10:30 - 11:00	Coffee/Tea
11:00 - 13:00	Accessing small molecule data using ChEBI (Paula De Matos)
13:00 - 14:00	Lunch
14:00 - 15:00	Programmatic access to literature services using CiteXplore (t.b.c.)
15:00 - 15:30	Coffee/Tea
15:30 - 16:30	Mining protein interaction data using IntAct (Bruno Aranda/Samuel Kerrien)
16:30 - 17:30	Access to microarray data (Misha Kapushesky)
Thu 25th February	Multiple Data Resources, Integration and Case Studies
09:00 - 11:00	Querying multiple data sources using BioMart (Syed Haider)
11:00 - 11:30	Coffee/Tea
11:30 - 12:30	Annotating sequences using DAS (Rafael Jimenez)
12:30 - 13:30	Lunch
13:30 - 15:30	Data Integration: Enfin and EnCore (Rafael Jimenez)
15:30 - 16:00	Coffee/Tea
16:00 - 17:00	Industry Perspective: BioServices - a lightweight, RESTful-style framework that allows dynamic discovery and execution of services (Philip Verdemato, Pfizer)
Fri 26th February	Workflows, Integration and Case Studies continued
09:00 - 10:30	Introduction to workflows and Taverna (Katy Wolstencroft)
10:30 - 11:00	Coffee/Tea
11:00 - 12:30	Creating workflows to solve biological problems using Taverna (Katy Wolstencroft)
12:30 - 13:00	Course Survey, Closing Comments and Course Disc Distribution
13:00 - 14:00	Optional supplemental exercises