



SALT Semantic Alignment and Linking Tool for music and audio data and metadata

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Expert-guided linking of datasets lacking common identifiers

Match suggestions by semantic context and surface similarity

Currently: instance alignment on bibliographic terms: composer, work, publisher, ...

Industry relevance: historically, different BBC radio stations use different metadata management systems and workflows, resulting in a need to rationalise data

FASTer SALT: align based on audio content / extracted features

FASTer SALT: multimodal alignment: audio, video, geographic, situational, ...



Matching mode (contextual / string matching)

Exact matches Search Left Right Both

BBC Radio 3 programme data

British Library catalogue data

Adrian Willaert	Adrian Willaert	100
Alessandro Striggio	Alessandro Striggio	100
Alessandro Striggio	Alessandro Striggio	100
Alexander Agricola	Alexander Agricola	100
Alfonso Ferrabosco	Alfonso Ferrabosco	100
Alfonso Ferrabosco	Alfonso Ferrabosco	100
Andrea Gabrieli	Andrea Gabrieli	100
Anthony Holborne	Anthony Holborne	100
Antoine Bruhier	Antoine Bruhier	100
Antoine Brumel	Antoine Brumel	100
Antonio de Cabezón	Antonio de Cabezón	100
Bartolomeo Trombincino	Bartolomeo Trombincino	100
Carlo Gesualdo	Carlo Gesualdo	100
Charles Mouton	Charles Mouton	100
Cipriano de Rore	Cipriano de Rore	100
Claudio Monteverdi	Claudio Monteverdi	100
Cristofano Malvezzi	Cristofano Malvezzi	100
Cristóbal de Morales	Cristóbal de Morales	100
Dominique Phinot	Dominique Phinot	100
Elias Nikolaus Ammerbach	Elias Nikolaus Ammerbach	100
Felice Anerio	Felice Anerio	100
Francisco Guerrero	Francisco Guerrero	100
Georg Muffat	Georg Muffat	100
Giaches de Wert	Giaches de Wert	100
Giovanni Bassano	Giovanni Bassano	100
Giovanni Paolo Cima	Giovanni Paolo Cima	100
Giovanni Pierluigi da Palestrina	Giovanni Pierluigi da Palestrina	100
Hans Leo Hassler	Hans Leo Hassler	100
Hans Leo Hassler	Hans Leo Hassler	100
Heinrich Isaac	Heinrich Isaac	100
Jacob Obrecht	Jacob Obrecht	100
Jacobus Clemens non Papa	Jacobus Clemens non Papa	100
Jacobus Vaet	Jacobus Vaet	100
Jan Pieterszoon Sweelinck	Jan Pieterszoon Sweelinck	100
Jean Mouton	Jean Mouton	100
Jean Mouton	Jean Mouton	100
Jean Richafort	Jean Richafort	100

Match suggestion

Bartolomeo Trombincino **Bartolomeo Trombincino** 100

Decision buttons

Contextual alignment cues

Similarity metric

- 1 musicbrainz
 - http://musicbrainz.org/artist/ed6be84-8976-4c83-b770-d75d1d40b3ab 1
 - 15 works
 - Vergine Bella
 - Vergine bella
 - Quanta mai leggiadria
 - Poi che vole
 - Etereo mio signor
 - Ave Maria regina in cielo
 - Or che son di pregion a 4
 - Come haro
 - Tu Dormi
 - Al marone, o donne chare (music for 1535 Carnival in Venice)
 - Ave Maria
 - Or che son di pregion
 - Che Debo Far
 - Lamentationes Jeremiae Prophetae
 - Si e debile il filo
 - 1 role
 - 1 uri
 - 1 uri
 - 2 outside uri
 - http://viaf.org/viaf/51876790
 - http://musicbrainz.org/artist/ed6be84-8976-4c83-b770-d75d1d40b3ab 1