

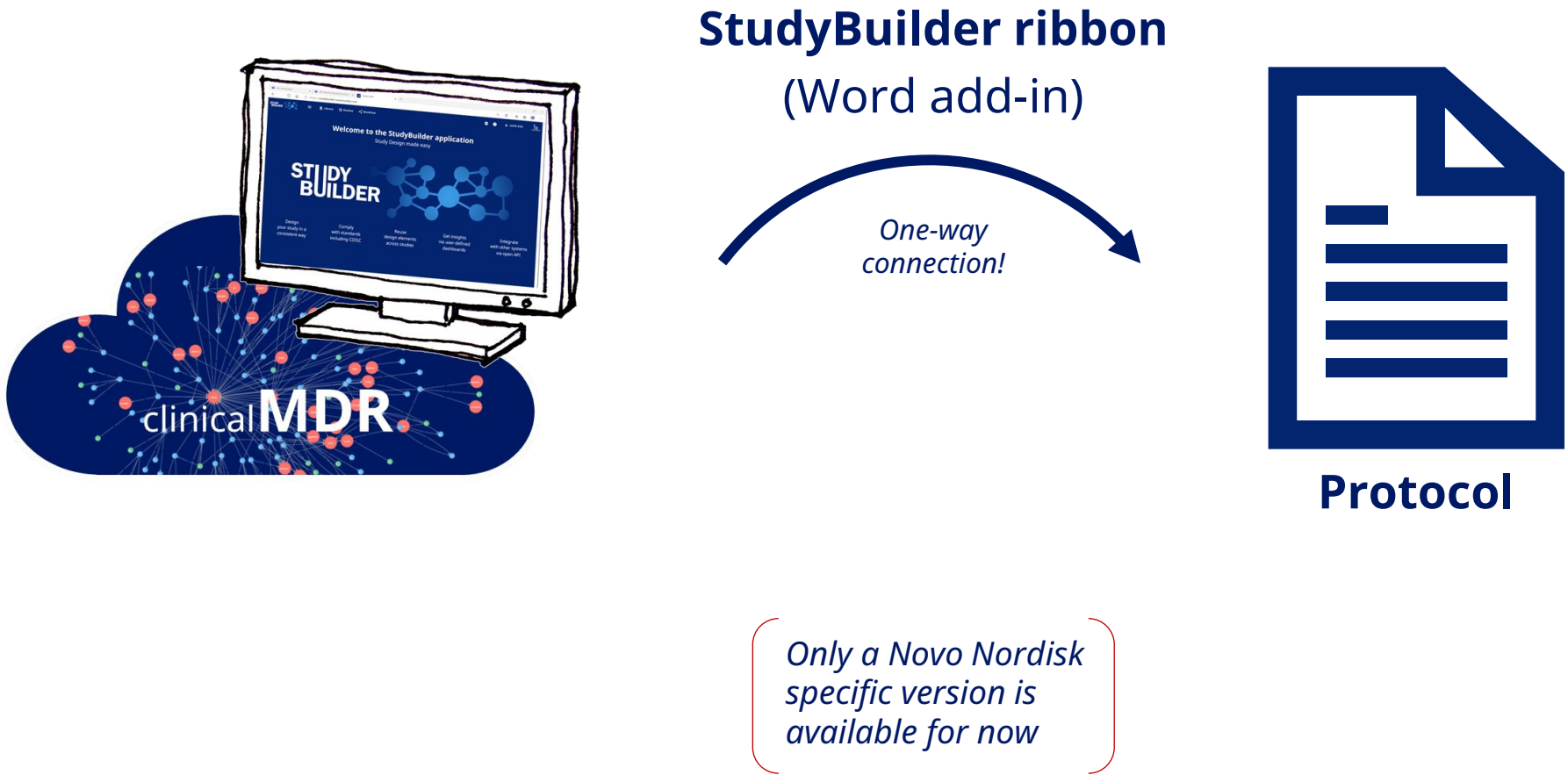


StudyBuilder Word ribbon

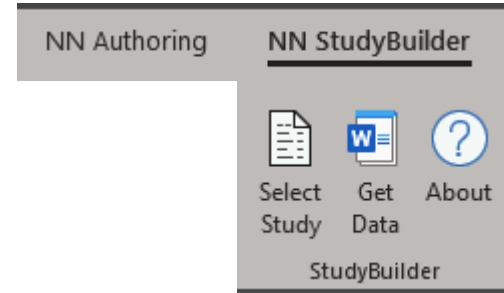
KOS/MCDY
29-April-2022

1. Basic design principle
2. Demo
3. REST API
4. Discussion (SWOT, questions)
5. Lunch-break

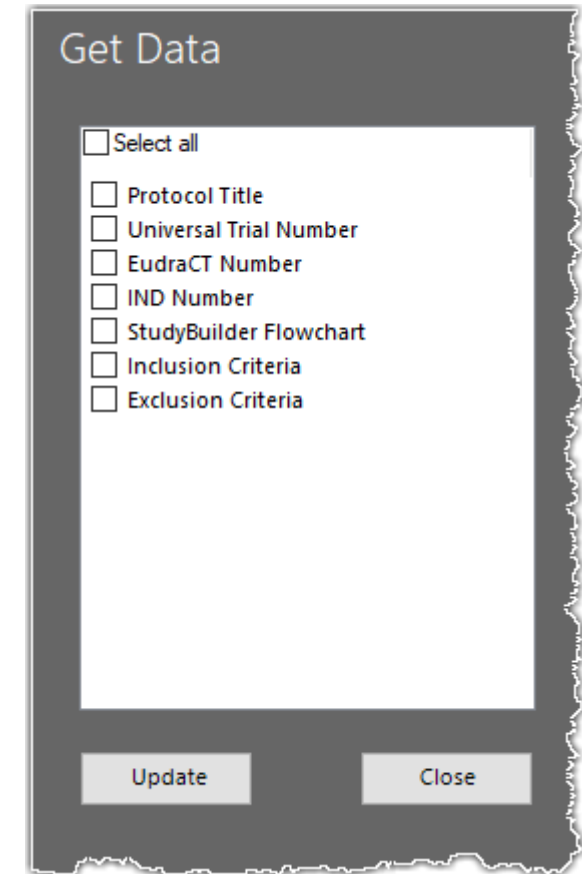
Basic design principle



StudyBuilder ribbon

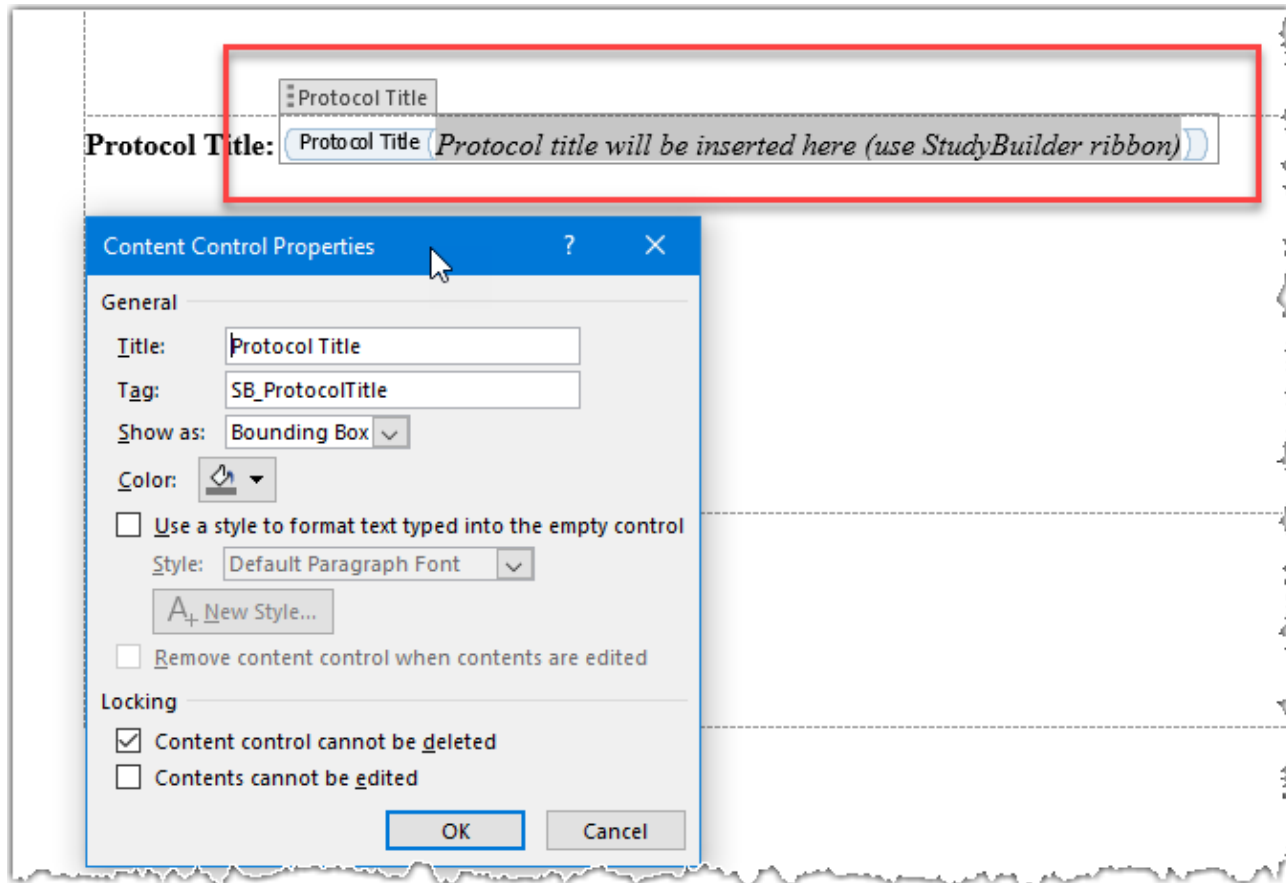


- Simple interface with 'fly-out'
- The code recognize the document type (so the ribbon can dynamically change to fit different document types)
- One-way connection

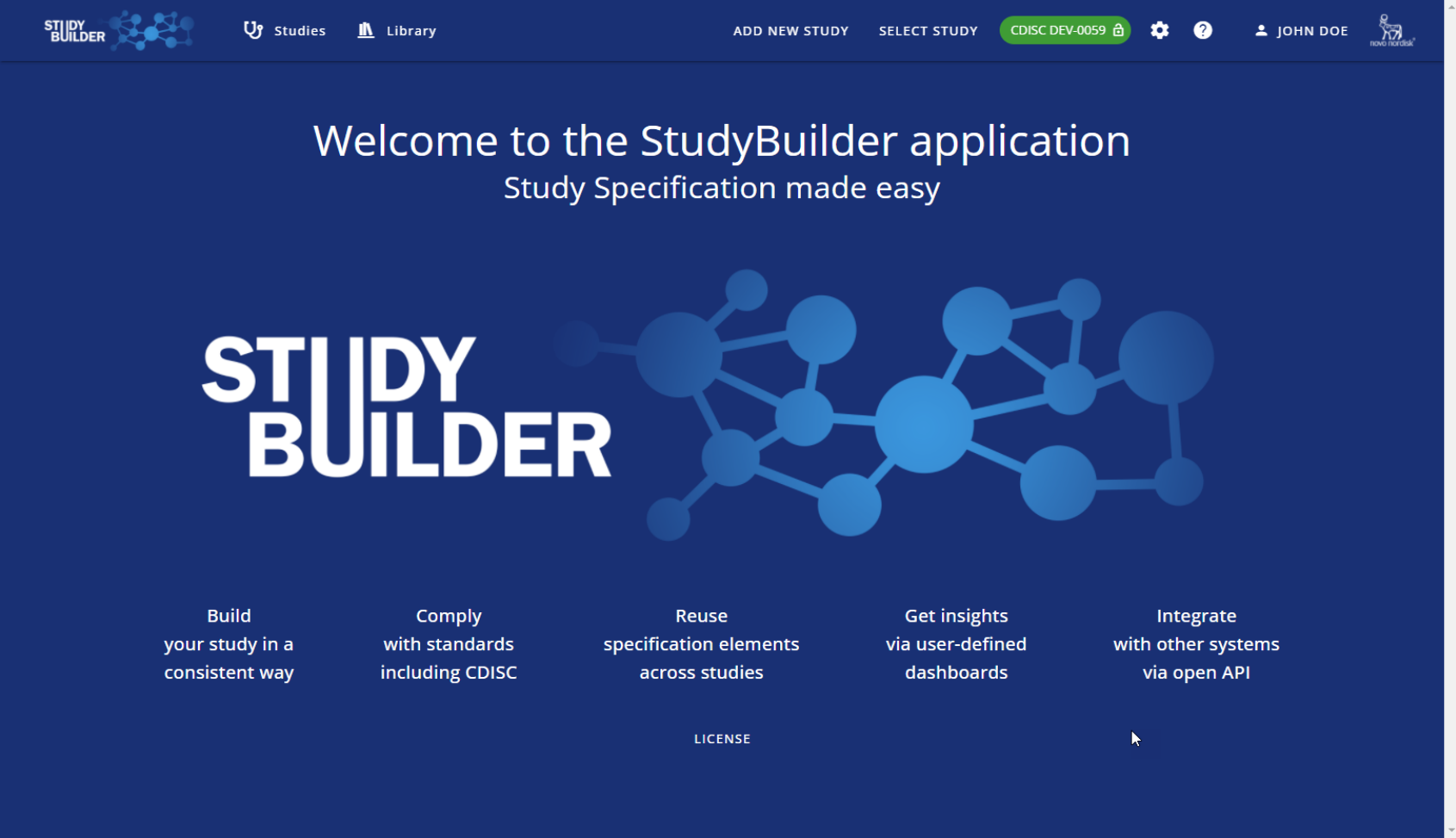


About Word *Content Controls*

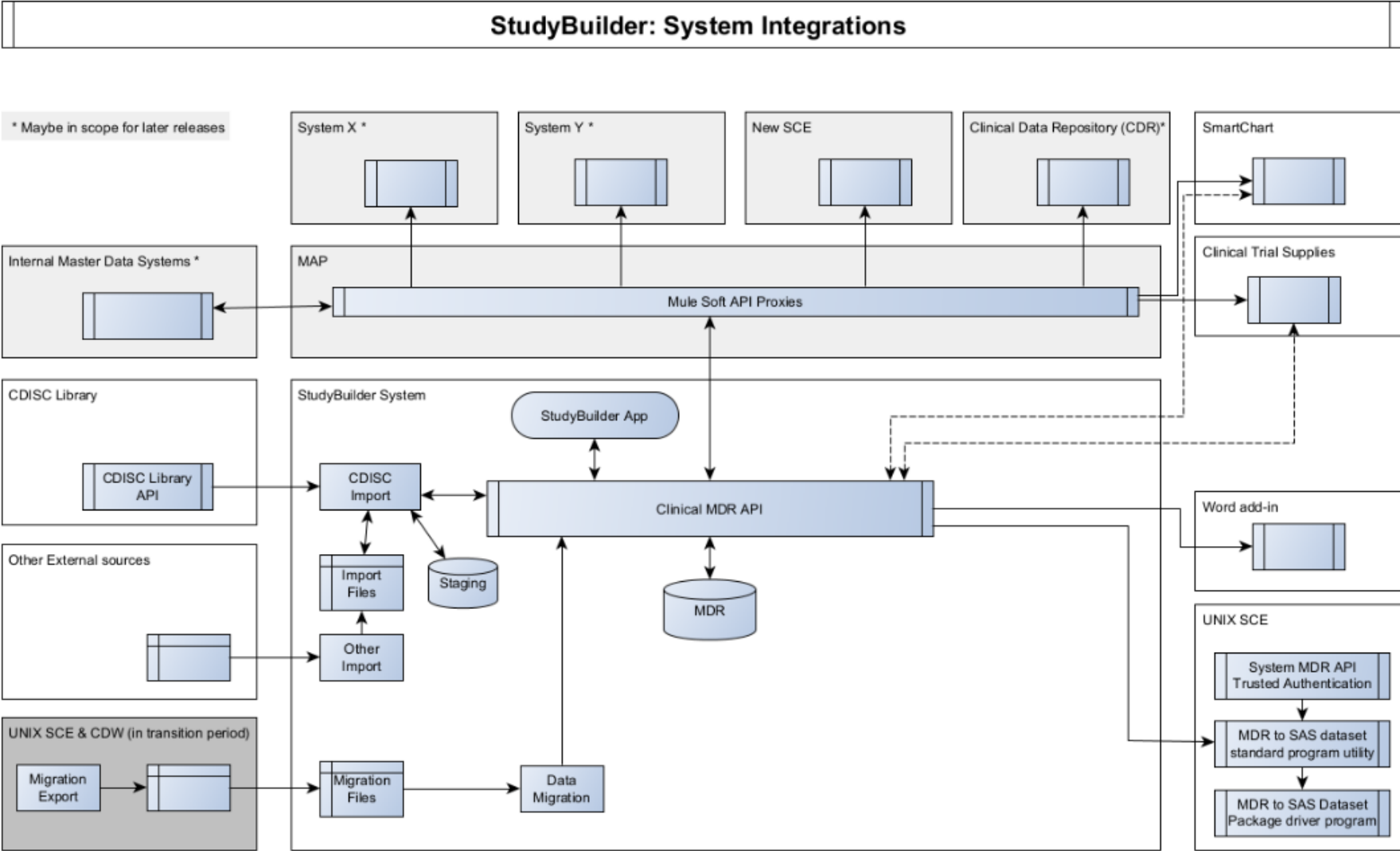
- Content Control
= Invisible frame around content
- Great for targeting via code!
- Can be locked
- Should be built into template



Live demo



OpenStudyBuilder integration opportunities



OpenStudyBuilder REST API

Clinical MDR API 1.0 OAS3

/api/openapi.json

Authentication:

Supports OAuth2 [Authorization Code Flow](#), at paths described in the [OpenID Connect Discovery metadata document](#). Microsoft Identity Platform ([documentation](#)).

Authentication can be turned off with `OAUTH_ENABLED=false` environment variable. When Authentication is turned on, all API requests have to provide valid bearer (JWT) token. When turned off all endpoints accept (optional) custom header `X-Test-User-Id` which allows any request to inject any user id value (for testing purposes). If the header is missing, the default value of `unknown-user` is assumed.

Servers

/api

ODM Forms

GET	/concepts/odms/forms	Return every variable related to the selected status and version of the ODM Forms	⌵
POST	/concepts/odms/forms	Creates a new Form in 'Draft' status with version 0.1	⌵
GET	/concepts/odms/forms/headers	Returns possible values from the database for a given header	⌵
GET	/concepts/odms/forms/{uid}	Get details on a specific ODM Form (in a specific version)	⌵
DELETE	/concepts/odms/forms/{uid}	Delete draft version of ODM Form	⌵

Discussion / comments

- Will we continue to use Word..? (Probably not. From a StudyBuilder point of view, Word is just connected down-stream via the API – any future authoring tool could do the same)
- What is the central source of truth? (StudyBuilder vs Protocol)
- StudyBuilder is built as a NN product – which is both a strength and a weakness (NN need it to work – but to not be too NN specific)
- Idea: Author the SAP based on StudyBuilder (already automated in NN?)
- Opportunity: Link templates with algorithms to support downstream processes (check e.g. age ranges against criteria)
- Use a data mining approach to capture e.g. most used / most 'successful' criteria among all protocols?

SWOT ANALYSIS

	Helpful to achieving the objective	Harmful to achieving the objective
Internal origin (attributes of the organization)	S Strengths	W Weaknesses
External origin (attributes of the environment)	O Opportunities	T Threats